

SIXTY-FIRST ANNUAL REPORT

OF THE

INSPECTOR OF PRISONS
AND PUBLIC CHARITIES

UPON THE

Hospitals for the Insane Feeble-minded and Epileptic

OF THE

PROVINCE OF ONTARIO

Being for the Year ended 31st October

1928

PRINTED BY ORDER OF
THE LEGISLATIVE ASSEMBLY OF ONTARIO



TORONTO:

Printed and Published by the Printer to the King's Most Excellent Majesty

1929

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SESSIONAL PAPER No. 15, 1929



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INTRODUCTION

It is felt that a brief word as to the various Mental Institutions operated by the Province might be of general interest, and accordingly the individual Institutions will be dealt with herein very briefly and in a general way. Various improvements have been made over a period of a few years past and certain items are mentioned herein which may prove of interest.

The Ontario Hospital at Brockville is an Institution constructed on the Cottage Plan, beautifully located on the banks of the St. Lawrence and commanding an excellent view of the river and the American shore. The population at date of this report amounted to 875 persons. There are several Cottages including the Central Administrative Unit and the building known as Elm Grove Cottage, the latter being a comparatively new piece of construction embodying many modern architectural features and serving as a Reception Unit. It might be mentioned that in recent years a Pathological Laboratory has been installed, a paint shop and work shop have been constructed and much remodelling has been done with respect to patients' lavatories. An important piece of construction consists of a new laundry building which is illustrated herein. This building is of one storey construction and is equipped with laundry machinery of the most modern type and embodying all possible safety devices. The building was designed by officials of the Public Works Department after consultation with the staff of the Provincial Secretary's Department and the installation was completed under the direction of the Public Works Department.

The Superintendent of the Ontario Hospital at Brockville is Dr. W. M. English, for many years Superintendent of the Ontario Hospital, Hamilton.

The Ontario Hospital located at Cobourg has a population of 415, the patients at this point all being females. This Institution during the war period was loaned to the military authorities who extended the buildings by the construction of two wings of frame and stucco construction. A new boiler house has been erected and equipped by the Public Works Department. Having regard to the fact that the original buildings were old when taken over for the purposes of a Mental Hospital and having regard to the fact that the buildings erected by the military authorities were of rather fragile construction, rather numerous repairs have been necessary. Amongst other items might be mentioned the overhauling of patients' lavatories, the installation of a new cold storage plant with artificial refrigeration, the remodelling of the patients' dining room and the remodelling of the existing laundry. A garbage incinerator has been installed making for a quick and sanitary method of disposing of waste, and the Superintendent's residence has been connected by a steam line to the central heating system.

The Superintendent of the Cobourg Hospital is Dr. W. C. Herriman, for many years Medical Director of the Ontario Hospital, Orillia.

The Ontario Hospital, Hamilton, has a population of 1,216 male and female patients. This Institution is located on the summit of the mountain commanding a beautiful view of the City of Hamilton and of the surrounding district. Among improvements which have been made in recent years at this Institution

might be particularly mentioned a new dental office and a new X-ray division. Many patients' lavatories of an obsolete type have been thoroughly modernized. A small transformer house has been erected to house certain electrical equipment, this piece of work being taken care of entirely by the Institution staff, which staff has also erected a new porte-cochere at the main entrance of the Institution, replacing the old wooden structure which had reached an advanced stage of decay. The main kitchen has been entirely overhauled and partly re-equipped. A number of exit stairs have been fire-proofed and generally modernized. Additional continuous baths have been installed, thus affording additional facilities for hydro therapy treatment. The main entrance gates have been rebuilt and the Institution fencing and ground lighting has been greatly improved. A new pasteurizing outfit has been installed. The general appearance of the Institution has been considerably improved by reason of a vigorous painting programme carried on by members of the Institution staff.

An Infirmary Unit is under construction by the Department of Public Works. This unit is designed to house fifty patients and will give the opportunity of largely consolidating the special treatment rooms of the Institution. The Dental Office and the X-ray Department will be transferred to this building when completed and the building will embody the most modern hospital features.

The Superintendent of the Ontario Hospital, Hamilton, is Dr. J. J. Williams, for many years in charge of the Hospital for Epileptics at Woodstock.

The Ontario Hospital at London cares for a population of 1,398. The Institution is located on a beautiful property lying in the easterly part of the city. The hospital buildings consist of the main building, a separate reception building and a large building for acute cases. Amongst recent improvements in equipment might be noted the installation of a modern X-ray outfit and a modern automatic telephone system. To assist in preserving the tremendous quantity of fruit and vegetables produced at the Institution farm, a canning and evaporating plant has been built. The laundry has been completely modernized and fitted throughout with new machinery. New dental equipment has been purchased and installed. The accommodation has been somewhat increased by the erection of sun rooms affording additional accommodation of a particularly desirable type. Difficulties incident to water supply have largely been overcome through the erection of a large elevated water tank. A fire stair has been installed in the main building and some architectural features are being added to the entrance greatly improving the appearance of the main building and giving additional staff quarters and additional office accommodation.

The Superintendent of this hospital is Dr. W. J. Robinson.

The Ontario Hospital at Kingston has a population of 698. One of the larger buildings for the housing of patients, known as South Cottage, has been completely renovated and modernized. The laundry has been entirely remodelled and obsolete and worn-out machinery has been replaced. The main building has been entirely re-roofed with copper. Extensive general repairs too numerous to mention have been made throughout this hospital.

The lands and buildings of the Mowat Sanatorium, lying about one-half mile north of the main hospital, have been purchased and have been almost entirely remodelled. This unit when completed will give modern accommodation amongst the most pleasant surroundings for some 300 additional patients; accommodation which is very badly needed.

The Superintendent of the Ontario Hospital, Kingston, is Dr. Edward Ryan.

The Ontario Hospital at Penetang has a population of 388. This hospital is well located on the shores of the Georgian Bay adjacent to the town of Pene-

tang. The buildings are of stone construction and while old, are in good condition and are quite suitable for the purpose for which they are now used. The interior of what is known as Cottage B, housing sixty patients, has been completely overhauled and modernized. The cold storage plant has been rebuilt, a new ice house erected and the patients' dining-room has been thoroughly renovated. A new Dental Clinic has been installed and is operating satisfactorily. Again in the case of this Institution very many general repairs have been made and no effort has been spared to modernize the existing plant.

The Superintendent is Dr. W. K. Ross.


The Ontario Hospital at Whitby is constructed on what is known as the Cottage Plan. The Institution includes sixteen cottages, each capable of housing sixty patients, two acute buildings, two infirmaries, three large central Kitchens and a large administration and reception unit. It might also be mentioned that the Nurses' Homes and the numerous houses around the Institution for members of the staff are of the most modern construction. The site comprises some 640 acres located to the southwest of the town of Whitby on the shores of Lake Ontario. The building site alone occupies approximately seventy acres. The most important item of alteration in connection with this Institution lies in the remodelling of the heating system. The buildings are all heated from a central power house, and owing to various difficulties which developed it was found advisable to connect the various units by means of tunnels. The excavation was taken care of by inmates of the Ontario Reformatory, Guelph, who were temporarily transferred to Whitby for this work. The placing of all pipe lines in these tunnels makes same readily accessible for repairs and already a substantial saving is being effected in heating costs. By using prison labour in this connection the cost was kept at a minimum.

New mechanical refrigeration equipment has been installed in kitchens Nos. 1 and 2, replacing the former system which was worn out. A substantial amount of under draining has been done in connection with the farm which should greatly increase production. Other items of repair too numerous to mention in detail have been taken care of. The Institution which is regarded as being one of the finest in North America is under the superintendency of Dr. G. H. Stevenson, formerly Assistant Superintendent of the Ontario Hospital, London.

The Ontario Hospital, Mimico, is located on the shores of Lake Ontario, the population being 655. The hospital is constructed on the Cottage Plan, the buildings all being connected by tunnels. Amongst items of repair which have been taken care of at this Institution might be mentioned the installation of a new pasteurizing machine, the remodelling of the milk room, the remodelling of the main kitchen, the installation of a new cold storage plant in the stores building, and numerous other items which need not be mentioned in detail. An arrangement was entered into whereby sewage from the Institution is being taken care of by one of the adjoining municipalities, thus eliminating the old sewage plant formerly operated on the Institution grounds. The water supply is also now taken from an adjoining municipality instead of being provided through the hospital pumping station as formerly.

A programme of complete repair and modernization in the cottages is well under way and the work of rehabilitation is being pressed as rapidly as possible.

The Superintendent of the Ontario Hospital at Mimico is Dr. F. S. Vrooman, formerly Superintendent of the Ontario Hospital, Toronto.

 The Ontario Hospital, Toronto, caring for a population of 829, has during recent years been completely remodelled. While this Institution is old, its features now compare very favourably with those observed in institutions constructed in recent years.

The Superintendent is Dr. H. A. McKay, formerly Assistant Superintendent at the Ontario Hospital, Hamilton.

The Ontario Hospital at Orillia, at date of this report, has a population of 1,385. This Institution cares for the mentally defective. The hospital is located on the shores of Lake Simcoe a short distance from the town of Orillia. In this Institution every attempt has been made to provide education and occupation for the patients. The patients at the Institution are given a public school education, where it is possible for them to benefit from teaching. Many of the patients are engaged in agricultural work about the farm; others are employed in the shoe-making department and in the tailor shop; others are engaged in assisting the various artisans around the Institution. The industrial unit recently erected has made for a consolidation of the industrial operations and affords the patients in large numbers the opportunity of following pleasant and profitable lines of work under excellent working conditions.

Special mention might be made of the recent addition to the Institution which addition is used largely as an Infirmary. This addition is of very modern hospital construction and fills a need which was felt for many years.

It is found that a certain number of the patients at this Institution may be trained to a degree which enables them to take their places in domestic service, on farms and in industry.

The Superintendent of the Orillia Hospital is Dr. B. T. McGhie.

The Ontario Hospital, Woodstock, is built on the Cottage Plan and houses 189 epileptic patients. Mention might be made of the recent installation of new laundry equipment, the installation of a new dental outfit, and the installation of a new cold storage room with artificial refrigeration. A vigorous programme of painting and repair has been carried out and the hospital presents a very creditable appearance.

The Superintendent is Dr. T. D. Cumberland.

Special mention might be made of the fact that a thorough survey was made as to dental equipment, etc., at all the hospitals. As a result of this survey in a number of cases the Dental Clinic has been moved to new quarters and new equipment has been installed as required. Each hospital now has a thoroughly equipped dental office in charge of a competent part-time dentist. In this connection appreciation should be expressed with respect to the kindly assistance and advice rendered by the Department of Health and more particularly by Dr. F. J. Conboy, Director of Dental Services for the Province.

Improvements have been made in the Institution Laboratories; in some cases new quarters having been provided and in all cases considerable additions to the equipment having been made.

In the Occupational Therapy Department some advances have been made. For a number of years occupational therapists have been employed in our hospitals. In recent years to assist in this field the University of Toronto has inaugurated a two-year course in Occupational Therapy and graduates in considerable numbers have been employed from this source in the Provincial Hospitals. While for many years patients have been given pleasant and useful employment around the Institutions whether in the farm, garden or around the

buildings, yet the employment of trained aides has proven to be of great assistance as a therapeutic measure and has been of very real assistance to the medical staffs in effecting cures.

The medical staffs have been strengthened and in all the hospitals it is considered that these staffs are now at a proper strength.

The Bursars in the Institutions are giving efficient and loyal service and are more and more relieving the Superintendents of matters relating to business detail, thus giving the Superintendents greater opportunity to devote their labours more intensively to the medical side of the Institutions.

The adoption of the recent general classification of the public service has been of very material assistance. This classification provides for a graduated scale of salaries with respect to each office in the service. The result is that the official who carries on his duties in a satisfactory manner is recognized and to a large measure the discontent and uneasiness prevailing at times amongst the Institution staffs as to their financial future has in very great measure been removed.

To return again for a moment to alterations and repairs to the various buildings, two or three special features are deserving of mention. In connection with the rehabilitation of laundries, every effort has been made to provide for an abundance of natural light and fresh air. The machinery which has been installed is of modern construction and is almost entirely direct motor driven. Unsightly belts and pulleys and long runs of shafting are eliminated, adding immeasurably to safety. The machines installed embody all possible safety devices.

The installation of artificial refrigeration plants has proven to be of great comfort and convenience at a number of the Institutions. At certain of the Institutions the supply of natural ice was uncertain and in addition the labour of harvesting was considerable and the cost of storage rather high. Further, the use of the artificial refrigeration eliminates much dirt and generally it is felt that the policy which has been adopted is a decided step in the right direction.

It might be mentioned that the Fire Marshal has been kind enough to conduct a survey of the Institutions with a view to having the fire hazard reduced to a minimum. His advice has been of very material assistance to the branch of the Maintenance Architect. One feature which might be particularly mentioned is that of the construction of numerous fire stairs throughout the Institutions. The old type of open stairway is being gradually eliminated. It is replaced by a fireproof well running from the basement to the top of the building, entered by fireproof doors. This well contains a fireproof stair which serves all the purposes of an ordinary stair for every-day use and which makes an ideal emergency exit in case of fire.

Credit should be given to the Institution staffs representing the various trades for their co-operation with the branch of the Maintenance Architect. The Institution carpenters, plumbers, engineers, painters, tinsmiths and representatives, in fact, of all the allied trades, have given splendid co-operation and service. Most of the members of these staffs are men of long Institution experience and their familiarity with hospital conditions enables them to work to the best advantage with the patients. The patients in turn not only do a great amount of useful work in assisting the various trades, but their efforts in this connection are of real healing value to themselves.

The work which is carried on on the Institution farms is under the general supervision of Mr. Robert Beatty, Farm Director. The Farm Director is continually in touch with the various Institution farmers. He renders valuable

assistance in planning the general conduct of operations. There is a free interchange of products as between the various farms and also between the Hospitals, the Reformatory, and the Industrial Farm organizations. Where there is a surplus of, say, apples or potatoes, at one point such surplus is transferred to some other Institution where there may be a shortage in this particular article.

Valuable assistance is rendered to the hospitals through industrial operations at the reformatories. Particular mention might be made of the clothing manufactured at the Andrew Mercer Reformatory and generally used throughout the hospitals for the benefit of patients who must be clothed at the public expense.

The appointment of two Placement Officers might be mentioned. It is the duty of these officials to secure positions for patients ready for discharge who need such assistance; to investigate with respect to cases for which admission is required, and also to assist in connection with the collection of revenue.

With regard to the collection of maintenance it might be mentioned that the system has been thoroughly overhauled resulting in a very considerable increase of revenue accruing to the Department.

On October 31st, 1928, the population of the Ontario Hospitals was 10,084.

H. M. ROBBINS,
Deputy Provincial Secretary.

A. L. MCPHERSON,
Inspector of Prisons and Public Charities.

THE ONTARIO HOSPITAL, COBOURG

November 21st, 1928.

Mr. H. M. Robbins,
Deputy Provincial Secretary,
Parliament Buildings, Toronto, Ont.

SIR:

I have the honour to transmit herewith the annual report of the Ontario Hospital, Cobourg, for the year ending 31st October, 1928.

In addition to the statistical report, I may say that we have had a fairly active year in general repairs and additions. The walls of the west portion of the entrance to the assembly hall, which had become quite defective, were rebuilt. The laundry was enlarged by appropriating that part of the building formerly used as a garage, and additional washers, an extractor and mangle have been installed. A new metal garage has been erected. A small brick building was put up as a paint shop and storage for all such inflammable material as had been kept in the basement under the wards. A covered brick and cement approach to the kitchen was built and affords temporary sanitary storage for all garbage. The incinerator erected adjacent to the boiler room is serving a very useful purpose in consuming a great variety of rubbish which had a tendency to accumulate about the place. The class room has been completely done over, a comfortable and much appreciated change. Our electric light plant has been completed so that we are now not likely to be caught short on those occasions when the Hydro line fails us. A new hot water system was added to the boiler room equipment which now gives us an ample supply for the continuous baths and all domestic purposes. The bath rooms and lavatories have been renewed and the floors in these rooms which had become defective have been replaced by mastic flooring. A considerable amount of fencing has been done and work has been commenced on improvement of the grounds.

I wish to express my thanks for the many kind considerations extended to us on all occasions of difficulty and perplexity.

I have the honour to be,

Sir,

Your obedient servant,

W. C. HERRIMAN,

Superintendent.

ONTARIO HOSPITAL, WOODSTOCK

November 20th, 1928.

Mr. H. M. Robbins,
Deputy Provincial Secretary,
Toronto, Ontario.

SIR:

I beg to present the annual return of the Ontario Hospital, Woodstock, for the year ending October 31st, 1928.

I have the honour to be,

Sir,

Your obedient servant,

T. D. CUMBERLAND,

Superintendent.

ONTARIO HOSPITAL, ORILLIA

November 20th, 1928.

Mr. H. M. Robbins,
Deputy Provincial Secretary,
Parliament Buildings, Toronto, Ont.

SIR:

I beg herewith to submit the annual report of the Ontario Hospital, Orillia, for the year ending October 31, 1928.

Among the various activities of the hospital during the year two things stand out as materially affecting the standard of efficiency of the institution both as a medical centre and as a school for the training of subnormal children. I refer especially to the organization of a training school for nurses and the reorganization of our academic and trade schools.

Under the direction of Miss Phyllis Stuble, Superintendent of Nurses, the first class of seventeen pupil nurses has already completed half of the first year's studies and the value of the services of these nurses in caring for our sick and helpless patients is already quite apparent.

Through the co-operation of the Department of Psychology, University of Toronto, a psychological survey of our patient population was undertaken during the year and 453, approximately one-third of our patient strength, were properly graded as to intelligence quotient and are now receiving instruction in our school. The programme of the school was changed in order to bring knowledge more closely into contact with life and make it socially effective. Judged by the fact that twenty-eight pupils who were placed on probation from the school during the year are satisfactorily adjusted in the community and earning their own living, the new school plan is likely to be a success.

The addition to our staff of two medical officers, supervising nurses, physical instructor, manual training instructor, psychometrist and a dietitian, has greatly increased the efficiency of the institution and permits of more individual care, scientific study and intensive treatment of our patients with a resulting improvement in their health and general outlook on life.

Provision was made during the year for members of our staff to improve their knowledge in particular subjects affecting this institution. Dr. W. C. Hamilton was the recipient of a Rockefeller fellowship and spent six months studying the methods followed in various American centres in the care and training of subnormal children. Dr. S. O. Morris also spent a period at the Mountain Sanitarium, Hamilton, studying tuberculosis in children with a view to segregating any suspected cases in our hospital population here. Miss Dorothy Hale, our school principal, while spending her summer holidays in the British Isles, visited many of the institutions there, bringing back many helpful suggestions for the improvement of our school.

Throughout the year we have received the hearty co-operation and support of the health authorities, children's aid societies, social agencies and others interested in the under-privileged child, this notwithstanding the fact that our accommodation has been entirely inadequate to cope with the ever increasing demand for institutional care and training of these cases.

Much has been done, under your direction, during the year to improve the hospital property, and I wish to thank you for your kindly advice and assistance in connection with the many details of administration.

I have the honour to be,

Sir,

Your obedient servant,

DR. B. T. MCGHIE,
Superintendent.

THE ONTARIO HOSPITAL, LONDON

Re Annual Report.

November 29th, 1928.

H. M. Robbins, Esq.,
Deputy Provincial Secretary,
Parliament Buildings, Toronto 5, Ont.

DEAR SIR:

I am enclosing herewith our annual statistical report for the year ending October 31st, 1928.

Yours very truly,

W. J. ROBINSON,
Superintendent.

THE ONTARIO HOSPITAL, GUELPH

November 30th, 1928

H. M. Robbins, Esq.,
Deputy Provincial Secretary,
Parliament Buildings, Toronto, Ont.

DEAR MR. ROBBINS:

Enclosed please find our annual report for year ending October 31, 1928. We hope that you will find it correct in every detail.

Yours very truly,

N. C. WALLACE,
Medical Officer.

THE ONTARIO HOSPITAL, MIMICO

December 17th, 1928.

Re Annual Report.

The Deputy Provincial Secretary,
Parliament Buildings, Toronto, Ontario.

SIR:

I herewith beg to enclose our annual report for year ending October 31st, 1928.

I have the honor to be,

Sir,

Your obedient servant,

ALEXANDER M. MURRAY,
Bursar.

THE ONTARIO HOSPITAL, TORONTO

December 27th, 1928.

H. M. Robbins, Esq.,
Deputy Provincial Secretary,
Parliament Buildings, Toronto.

DEAR SIR:

Enclosed herewith please find annual report of this hospital for the year ending October 31, 1928.

Yours truly,

H. A. McKAY,
Superintendent.

THE ONTARIO HOSPITAL, HAMILTON

November 19th, 1928.

Re Annual Report.

H. M. Robbins, Esq.,
Deputy Provincial Secretary,
Parliament Buildings, Toronto, Ont.

SIR:

I have the honour to submit to you the fifty-third annual report for the Ontario Hospital, Hamilton, for the year ending October 31st, 1928.

I have the honour to remain, Sir

Your obedient servant,

J. J. WILLIAMS,
Superintendent.

THE ONTARIO HOSPITAL, WHITBY

October 31st, 1928.

Mr. H. M. Robbins,
Deputy Provincial Secretary,
Parliament Buildings, Toronto, Ont.

DEAR SIR:

I have the honour to make the ninth annual report of the Ontario Hospital, Whitby, for the year ending October 31st, 1928, with statistical tables attached.

TREATMENT

Our treatment facilities have been used to the utmost during the year. In addition to such general measures for improving the health by removal of focal infection, attention to the teeth, diet, occupation, good nursing and personal contact, we have also sought to utilize newer means of treatment in special groups. We have continued the use of tryparsamide in general paresis with very successful results. In the epilepsies, in addition to general measures, we have used luminal in sufficient dosage to materially reduce the number of seizures, and in selected cases have placed such patients on a ketogenic diet, which we feel has been helpful. Towards the latter part of the year we treated a few advanced cases of dementia praecox by what is known as the Aseptic Meningitis Treatment and plan to extend this treatment during the coming year.

Full advantage has been taken of the recreation hall by opening an occupational therapy workshop on the lower floor for the treatment of more recent admissions who need intensive personal attention. This workshop was opened in this building, so it could be in close contact with the recreational features, and we feel it is serving a very valuable purpose. A library and reading room were opened next to the workshop and in the ten months during which it has been operating, 6,959 books have been issued; of this number 4,329 were issued to patients and 2,630 to members of the staff. Daily papers and magazines are also available.

The bowling alleys were re-conditioned; a billiard table was installed and another has been ordered; a badminton court and a volley ball court have been laid out on the floor of the auditorium; a canteen has been opened as a convenience to patients and staff, where soft drinks, tobacco and candy can be purchased. The profits from the canteen have been used for the upkeep of these recreational facilities and to purchase attractive pictures for some of the patients' sitting rooms. Physical training classes have also been started. Weekly dances, moving picture shows and religious services are also held in the auditorium. This building is also open every night until 10 o'clock for the use of staff and serves a very useful purpose as club rooms and for recreation, and makes for much more contented and loyal employees.

REPAIRS AND ALTERATIONS, ETC.

Considerable painting has been done during the year; the new heating mains have been completed; further improvements have been made to the grounds, and two of the old frame buildings used during construction days have been demolished. The two temporary buildings known as Dormitories

Nos. 1 and 2, erected by the Military during the war, have been utilized for special work. No. 1 Dormitory is now used entirely for housing of staff—the lower floor being occupied by junior nurses and the upper floor by the domestic staff. Dormitory No. 2 is now being devoted entirely to occupational therapy, with the exception of one large room, which we have taken as a nurses' class room. The occupations in this building will be for convalescent cases and patients who have special aptitudes for the type of work that can be done in this building.

STAFF CHANGES

On October 31st, 1927, Dr. J. M. Forster, superintendent of this hospital since its inception, resigned on account of ill health. He was succeeded in the superintendency by Dr. G. H. Stevenson, formerly assistant superintendent at the Ontario Hospital, London.

Dr. Wade was transferred to the Industrial Farm at Burwash and Dr. O'G. Lynch was transferred to the Ontario Hospital at Brockville as assistant superintendent on November 1, 1927. Dr. Frederick LeDrew was appointed to our staff on October 4, 1927, and was transferred to the Ontario Hospital at Cobourg on December 31, 1927. Dr. S. R. P. Montgomery was appointed to the medical staff on February 22, 1928, and Dr. J. E. Tilden was appointed on August 2, 1928.

On October 1, 1928, an exchange of stewards took place between this hospital and the Brockville Hospital, Mr. J. M. Short going to Brockville and Mr. J. J. Kiernan coming here.

In conclusion I should like to express my appreciation of the co-operation I have received from the entire staff, all of whom have real pride in our hospital and the work we are attempting to perform.

I have the honour to be, Sir,

Your obedient servant,

G. H. STEVENSON,
Superintendent.

ONTARIO HOSPITAL, BROCKVILLE

November 16th, 1928.

Re Annual Report.

H. M. Robbins, Esq.,
Deputy Provincial Secretary,
Parliament Buildings, Toronto 5, Ontario.

DEAR SIR:

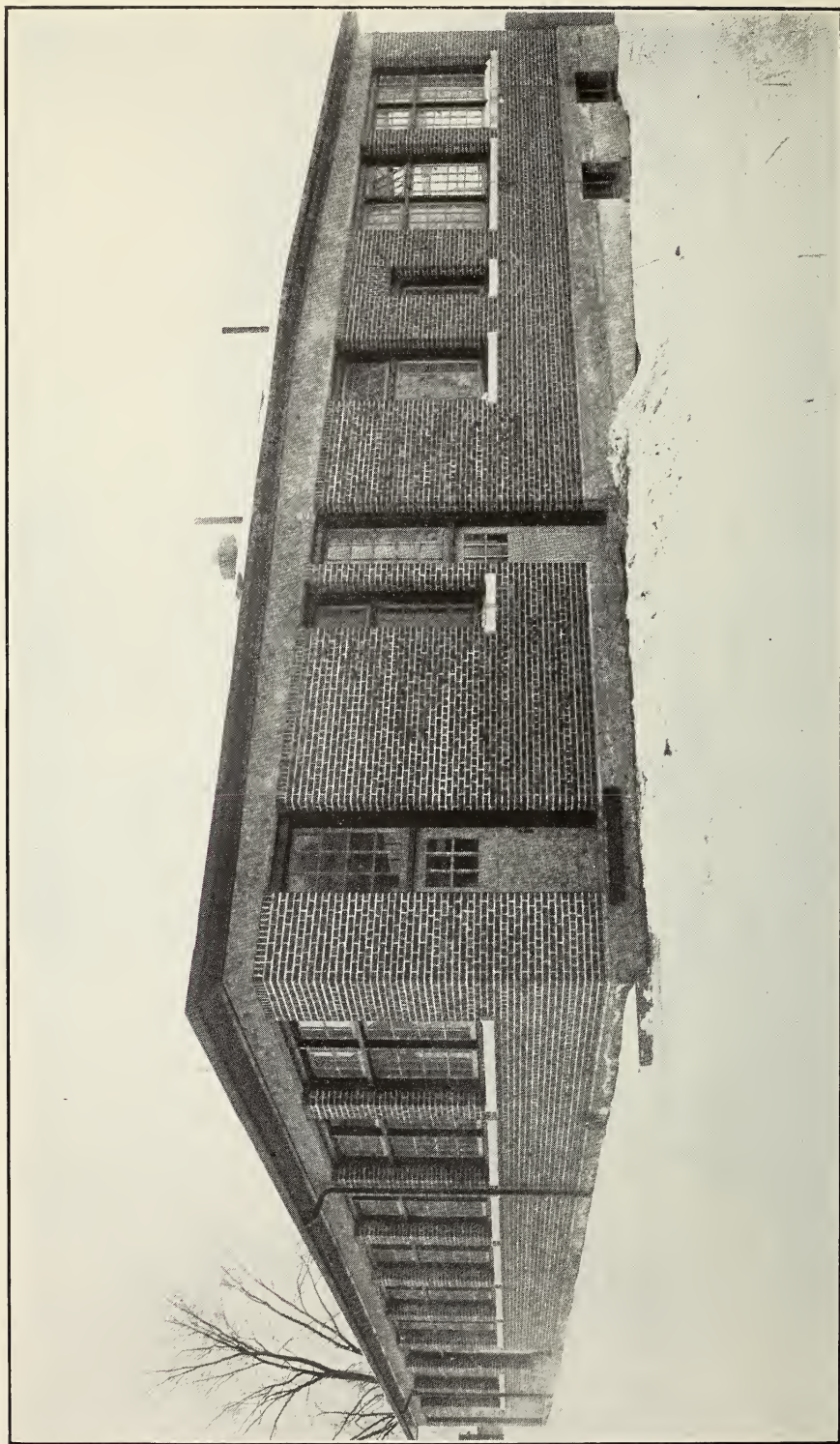
Under separate cover I am forwarding to you the annual statistical report of this hospital for the year November 1, 1927, to October 31, 1928.

Your obedient servant,

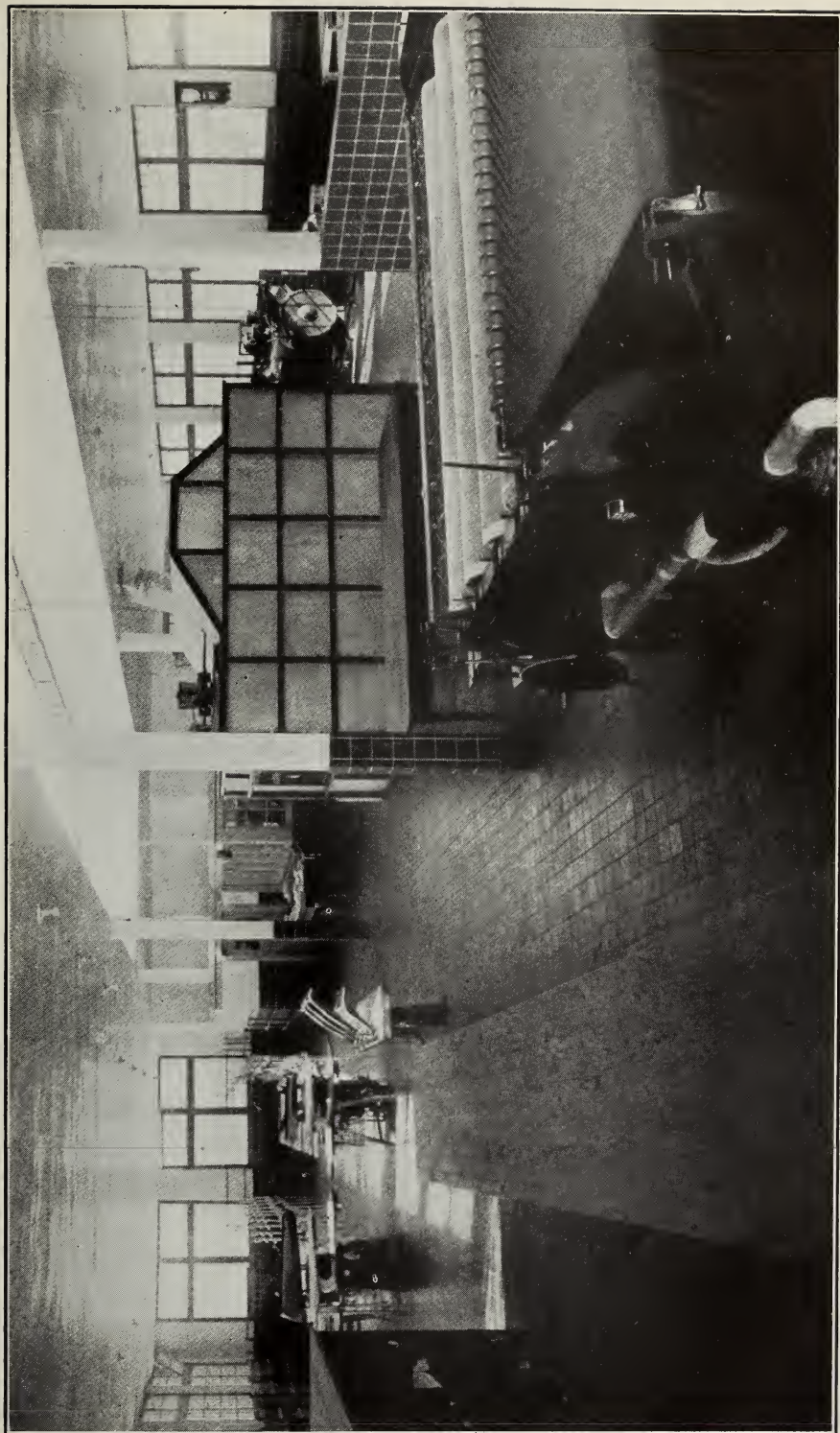
W. M. ENGLISH,
Superintendent.



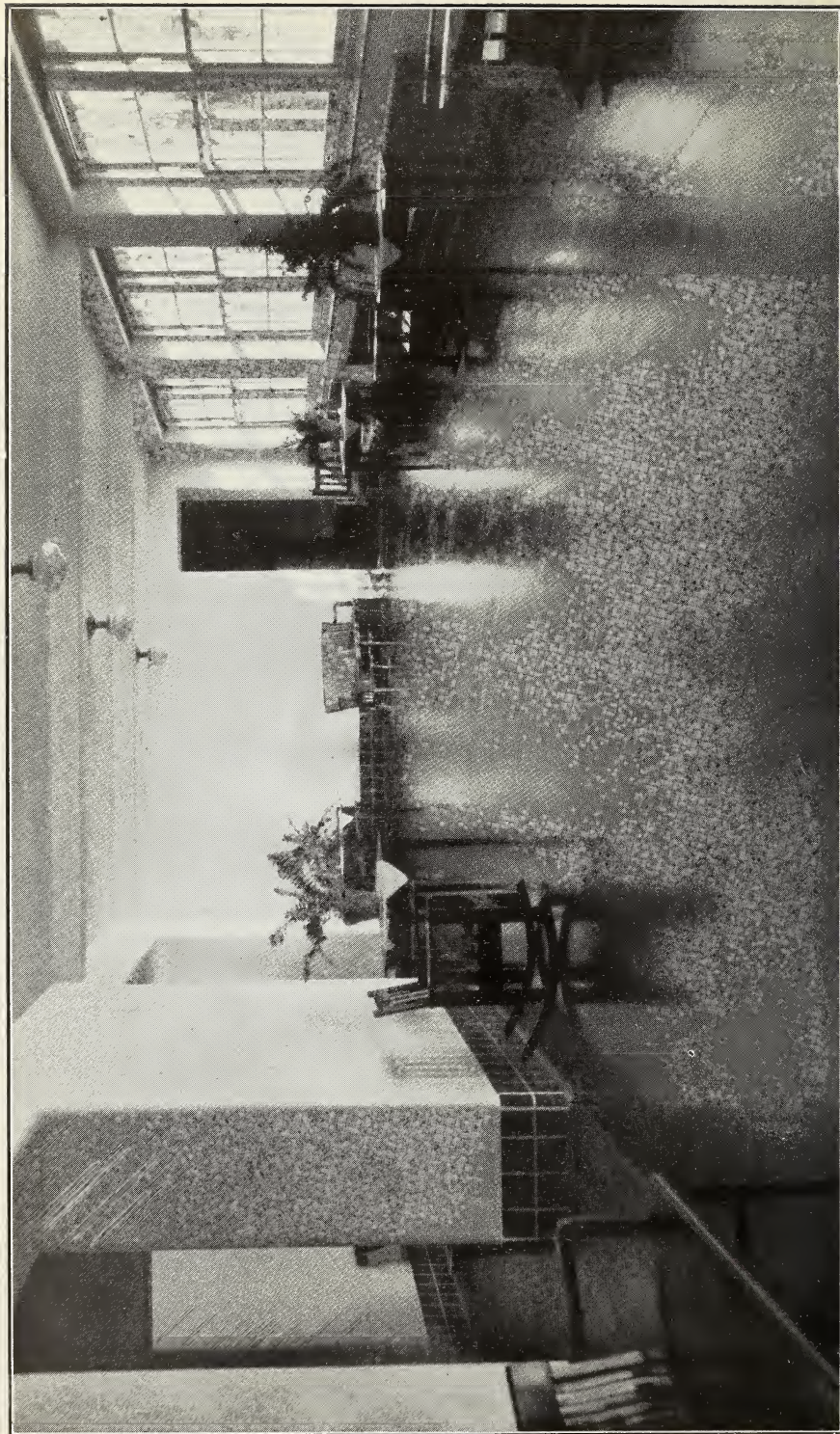
Elmgrove Cottage, Ontario Hospital, Brockville
Note sun-rooms with Southern exposure



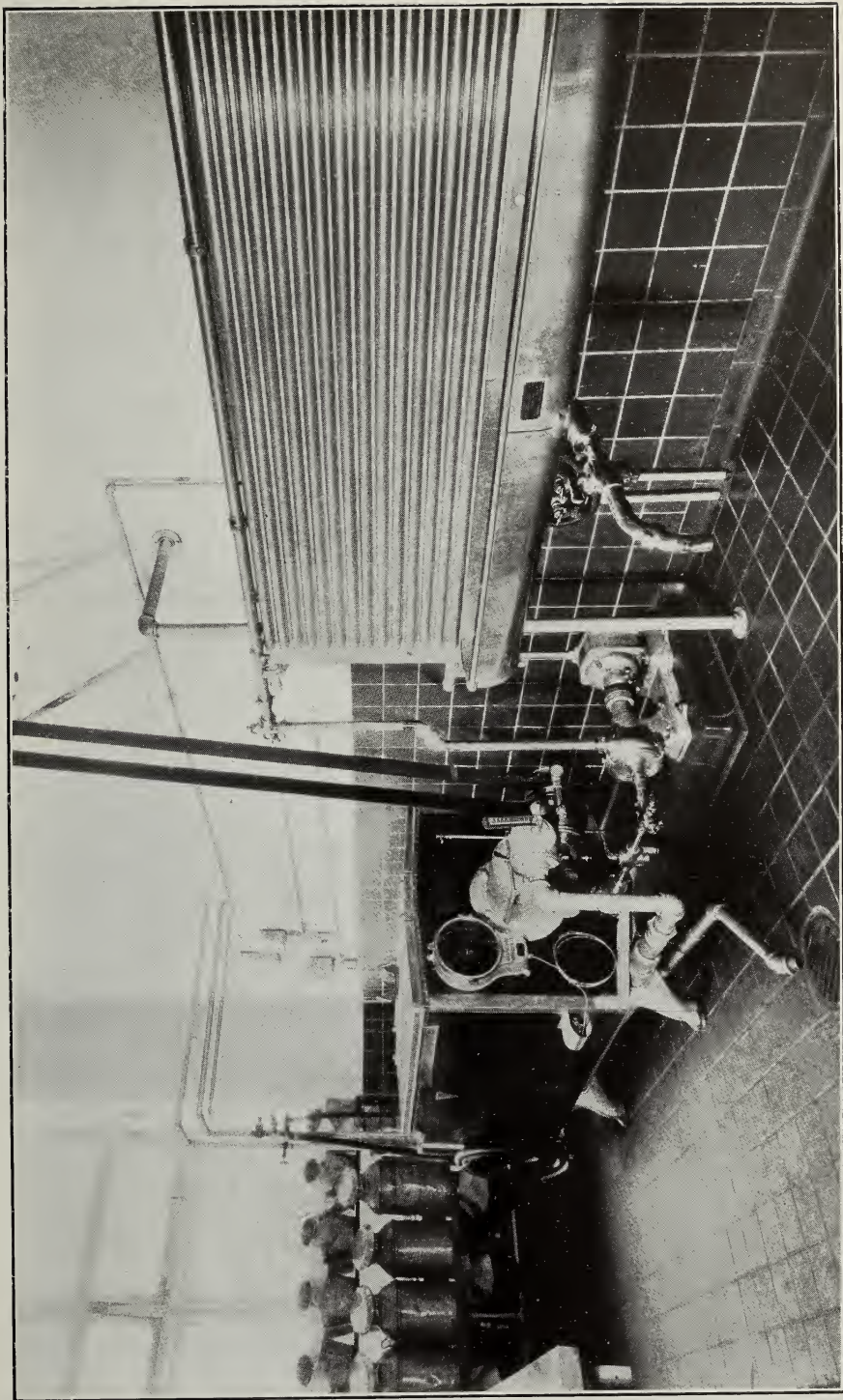
Exterior view of the new laundry building erected 1928, Ontario Hospital, Brockville, illustrating the substantial but economical type of one-storey building, adopted by the Government for carrying on the laundry work of the institutions under its care.



Interior view of the new laundry building, Ontario Hospital, Brockville. This building, with its tile floors and tile dados, its abundance of light and ventilation and its modern machinery is typical of the healthful and sanitary working conditions being provided by the Government for sterilizing and washing and finishing all soiled linen and washable clothing at each of the institutions. This laundry work is done by patients under the careful supervision of a small but capable staff.



Interior view of the patients' sitting room at South Cottage, Ontario Hospital, Kingston. This room, with its sanitary red tile base around the plaster walls, its waxed floor of brown battleship linoleum and its abundant natural and artificial light and homelike furnishings, illustrate the care taken in providing pleasant and restful living conditions suitable for the recovery of mental patients.



Interior view of the milk pasteurizing and cooling room, Ontario Hospital, London. The tile floor and dado, the painted plaster walls and abundant natural light and ventilation and the up-to-date mechanical equipment of this installation, are typical of the sanitary surroundings provided for safeguarding the handling of the milk supply at the various institutions.



Interior view of a typical patients' dining room, Ontario Hospital, Whitby. This is one of eight similar rooms forming a dining centre for a group of eight cottages. This accommodation is provided for each sex and attention is called to the sanitary and homelike surroundings. The furniture shown is made at the Ontario Reformatory, Guelph.



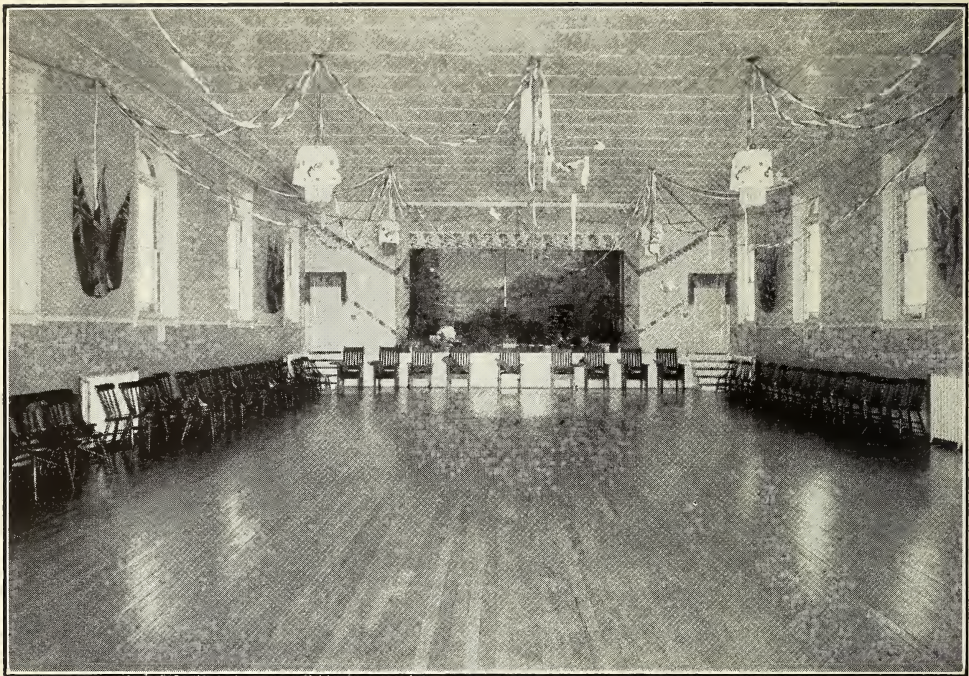
Interior of a typical kitchen, Ontario Hospital, Whitby, for each dining centre. The red tile floor and dado and painted plaster walls and ceiling, the abundant light and ventilation and the modern mechanical equipment illustrate the care taken to safeguard the preparation of food for both patients and staff.



Interior view of Occupational Therapy Room, Ontario Hospital, Whitby. In these pleasant surroundings patients are encouraged to do a large variety of hand work under capable instruction and supervision. The furniture shown is made at the Ontario Reformatory, Guelph.



Interior view of a typical Infirmary Ward, Ontario Hospital, Whitby. The bright and pleasant and sanitary surroundings here illustrated are conducive to quick recovery of sick patients. The beds and other furniture shown are made at the Ontario Reformatory, Guelph.



Interior view of the Recreation Hall, Ontario Hospital, 999 Queen Street West, Toronto. This is typical of the accommodation furnished at the various institutions for the patients' recreative needs. Here are held the various concerts, dances, motion pictures, and vaudeville entertainments given periodically to all the patients.



Interior view of the dental operating room, Ontario Hospital, 999 Queen Street West, Toronto. This is typical of the sanitary surroundings and modern mechanical equipment installed for the care of patients' dental requirements at the various institutions.

TABLE No. 1

Contains information in regard to the date of opening of the Hospitals, the acreage, and the real estate value of the property, not including the value of the buildings.

Name of Hospital	Date of Opening	Acreage		Acres in Fruit and Vegetables	Acres in Grain	Acres in Buildings and Grounds	Acres in Bush or not Cultivated	Value of Real Estate
		Owned	Rented					
Brockville.....	1894	569	.....	40	369	35	125	\$64,860
Cobourg.....	1920	11.58	.....	4.28	.....	7.30	.....	16,500
Hamilton.....	1876	525	.....	87	364	74	.....	50,000
Kingston.....	1854	257.53	.....	13	154.53	90	.....	68,600
London.....	1870	505	14	105	306	70	38	180,000
Mimico.....	1890	82	.....	34	.....	48	.....	243,500
Orillia.....	1876	500	30	71	175	30	254	48,000
Penetanguishene.....	1904	383	.....	20	98	5	260	6,000
Toronto.....	1846	20	.....	5	.....	15	.....	300,000
Whitby.....	1920	640	.....	125	365	150	.....	128,000
Woodstock.....	1906	324	.....	13	224	27	60	24,300
*Guelph.....	1921	3,817.11	44	517.28	2,055.53	551.30	737	\$1,129,760

*Property comprises East Wing of the Ontario Reformatory. The Hospital owns no property.

TABLE No. 3

Is the first table dealing with patients and furnishes the Psychoses and Industrial classification. The interest in this table lies in the variation of employment as shown at the different Hospitals.

Hospital	PSYCHIATRIC CLASSIFICATION										INDUSTRIAL CLASSIFICATION																
	Number of Patients Insane		Number of Patients Epileptic		Number of Mental Defectives		Number of Alcoholics		Number of Drug Addicts		Number of Neuro-Syphilitics		All Other Types		Industrial Work		Farm and Garden Work		General Internal Work		General External Work		No Regular Work		Total		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
Brockville.....	440	434	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	41	75	52	.....	137	82	38	65	172	213	440	435
Cobourg.....	.....	386	.....	.....	.....	26	.....	.....	.....	.....	.....	.....	.....	.....	.....	54	.....	.....	.....	.....	224	.....	.....	.....	134	.....	412
Hamilton.....	576	580	.....	.....	5	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	71	69	83	.....	193	173	55	.....	179	340	581	582
Kingston.....	400	298	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	43	98	39	.....	135	77	94	.....	89	123	400	298
London.....	637	688	.....	.....	10	2	3	.....	1	1	.....	.....	.....	.....	.....	75	170	110	.....	140	265	100	.....	226	256	651	691
Mimico.....	329	326	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13	54	75	.....	70	130	30	.....	141	142	329	326
Orillia.....	5	12	61	60	639	607	.....	.....	.....	.....	1	.....	.....	.....	.....	215	238	98	.....	170	209	14	.....	209	232	706	679
Penetanguishene...	166	214	.....	.....	3	3	.....	.....	.....	.....	1	.....	.....	.....	.....	29	18	51	.....	23	27	.....	.....	66	173	169	218
Toronto.....	366	463	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	16	30	30	.....	100	100	150	.....	70	333	366	463
Whitby.....	772	761	.....	.....	.....	1	4	.....	3	.....	.....	.....	.....	.....	.....	65	63	90	.....	210	230	140	46	274	423	779	762
Woodstock.....	21	29	73	66	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13	.....	35	49	15	.....	31	46	94	95
Guelph.....	111	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12	.....	20	.....	13	.....	.....	.....	69	.....	114	.....
	3823	4191	134	126	659	641	7	.....	4	2	1	.....	1	1	.....	580	869	661	.....	1226	1566	636	111	1526	2415	4629	4961

TABLE

Deals entirely with the movement of the population of the Hospitals. It gives the classification of and improved in each Hospital, as

	Brockville			Cobourg		
	Male	Female	Total	Male	Female	Total
Patients in hospital beginning of year.....	405	395	800	.....	388	388
Patients on probation beginning of year....	32	25	57	.....	6	6
Total beginning of year.....	437	420	857	.....	394	394
First admissions during the year.....	87	82	169	.....	4	4
Readmissions during the year.....	26	19	55	.....	.....	.....
Transfers during the year.....	.....	.....	.....	.....	44	44
Total admissions during the year.....	113	101	214	.....	48	48
Total on books during the year.....	550	521	1,071	.....	442	442
Classifications of admissions:						
By physicians' certificates.....	103	95	198	.....	4	4
By inspector's warrant.....	4	2	6	.....	44	44
By Lieutenant-Governor's warrant.....	.....	.....	.....	.....	.....	.....
By voluntary application.....	6	4	10	.....	.....	.....
Totals.....	113	101	214	.....	48	48
Discharged during the year.....	69	52	121	.....	6	6
Died during the year.....	41	34	75	.....	16	16
Transferred to other hospitals.....	.....	.....	.....	.....	5	5
Eloped during the year.....	.....	.....	.....	.....	.....	.....
Total.....	110	86	196	.....	27	27
Classification of discharges:						
As recovered.....	18	13	31	.....	1	1
As improved.....	48	36	84	.....	4	4
As unimproved.....	3	1	4	.....	1	1
As without psychosis.....	.....	2	2	.....	.....	.....
	69	52	121	.....	6	6
Patients in hospital end of year.....	429	410	839	.....	412	412
Patients on probation or absent end of year..	11	25	36	.....	3	3
Total number admitted since opening.....	2,891	2,825	5,716	.....	686	686
Total number discharged since opening.....	1,486	1,564	3,050	.....	112	112
Total number died since opening.....	965	826	1,791	.....	159	159
Balance on hospital books end of year as above.....	440	435	875	.....	415	415

No. 4

the admissions and discharges, and furnishes a study in regard to the number shown as recovered compared with the total population.

Hamilton			Kingston			London			Mimico		
Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
605 41	659 21	1,264 62	324 11	234 7	558 18	679 6	724 9	1,403 15	305 24	311 16	616 40
646	680	1,326	335	241	576	685	733	1,418	329	327	656
108 32 1	105 30 2	213 62 3	44 31 60	38 25 56	82 56 116	129 51 1	117 43 3	246 94 4	61 6	38 7 1	99 13 1
141	137	278	135	119	254	181	163	344	67	46	113
787	817	1,604	470	360	830	866	896	1,762	396	373	769
80 54 7	116 16 5	196 70 12	84 43 8	84 29 6	168 72 14	103 55 23	138 15 10	241 70 33	18 46 3	21 25	39 71 3
141	137	278	135	119	254	181	163	344	67	46	113
106 59 12	96 52 63	202 111 75	43 23 2	42 20	85 43 2	120 62 1	113 68	233 130 1	50 17	31 16	81 33
177	211	408	70	62	132	183	181	364	67	47	114
1 81 16 8	14 76 4 2	15 157 20 10	29 13 1	20 20 2	49 33 3	56 56 2	56 51 5	112 107 7	15 30 5	17 14	32 44 5
106	96	222	43	42	85	120	113	233	50	31	81
581 29	582 24	1,163 53	396 4	293 5	689 9	651 32	691 34	1,342 56	322 6	315 12	637 18
5,363	5,225	10,588	3,889	3,217	7,106	5,868	5,570	11,438	2,734	2,437	5,171
2,901 1,852	2,972 1,647	5,873 3,499	2,313 1,176	1,957 962	4,270 2,138	3,206 1,979	3,048 1,807	6,254 3,786	1,554 851	1,413 698	2,967 1,549
610	606	1,216	400	298	698	683	715	1,398	329	326	655

TABLE

Deals entirely with the movement of the population of the hospitals. It gives the classification of and improved in each hospital, as

	Orillia			Penetanguishene		
	Male	Female	Total	Male	Female	Total
Patients in hospital beginning of year.....	670	656	1,326	163	217	380
Patients on probation beginning of year.....	18	18	36			
Total beginning of year.....	688	674	1,362	163	217	380
First admissions during the year.....	75	58	133	1	1	2
Readmissions during the year.....	8	4	12			
Transfers during the year.....				13	9	22
Total admissions during the year.....	83	62	145	14	10	24
Total on books during the year.....	771	736	1,507	177	227	404
Classifications of admissions:						
By physicians' certificates.....	77	51	128	3	6	9
By inspector's warrant.....	6	10	16	11	3	14
By Lieutenant-Governor's warrant.....		1	1			
By voluntary application.....					1	1
Total.....	83	62	145	14	10	24
Discharged during the year.....	41	30	71	2	1	3
Died during the year.....	23	24	47	6	8	14
Transferred to other hospitals.....	1	3	4			
Eloped during the year.....						
Total.....	65	57	122	8	9	17
Classification of discharges:						
As recovered.....						
As improved.....	30	27	57		1	1
As unimproved.....	11	3	14	2		2
As without psychosis.....						
	41	30	71	2	1	3
Patients in hospital end of year.....	688	663	1,351	169	218	387
Patients on probation or absent end of year..	18	16	34		1	1
Total number admitted since opening.....	2,426	1,961	4,387	415	522	937
Total number discharged since opening.....	534	256	790	71	65	136
Total number died since opening.....	1,186	1,026	2,212	175	239	414
Balance on hospital books end of year as above.....	706	679	1,385	169	218	387

No. 4—Continued

the admissions and discharges, and furnishes a study in regard to the number shown as recovered compared with the total population.

Toronto			Whitby			Woodstock		
Male	Female	Total	Male	Female	Total	Male	Female	Total
396	425	821	741	731	1,472	92	97	189
14	24	38	40	55	95	1	3	4
410	449	859	781	786	1,567	93	100	193
151	147	298	146	184	330	11	7	18
56	46	96	30	31	61	2	5	7
1	2	3	5	.....	5	.....	.....	.....
208	189	397	181	215	396	13	12	25
618	638	1,256	962	1,001	1,963	106	112	218
89	135	224	98	171	269	12	11	23
93	40	133	42	26	68	.....	.....	.....
26	14	40	41	18	59	1	1	2
208	189	397	181	215	396	13	12	25
132	105	237	99	120	219	8	9	17
53	59	112	46	47	93	4	8	12
67	11	78	2	36	38	.....	.....	.....
252	175	427	147	203	350	12	17	29
34	50	84	50	52	102	.....	1	1
81	44	115	41	55	96	5	3	8
13	8	21	8	13	21	3	5	8
4	3	7	.....	.....	.....	.....	.....	.....
132	105	237	99	120	219	8	9	17
354	451	805	779	762	1,541	93	95	188
12	12	24	36	36	72	1	.....	1
9,519	9,124	18,643	1,717	1,674	3,394	499	395	894
6,572	6,601	13,173	589	614	1,203	226	158	384
2,581	2,060	4,641	313	262	575	179	142	321
366	463	829	815	798	1,613	94	95	189

TABLE No. 4—*Concluded*

Deals entirely with the movement of the population of the hospitals. It gives the classification of the admissions and discharges, and furnishes a study in regard to the number shown as recovered and improved in each hospital, as compared with the total population.

	Guelph			Grand Total		
	Male	Female	Total	Male	Female	Total
Patients in hospital beginning of year.....	111	.....	111	4,491	4,837	9,328
Patients on probation beginning of year.....	8	.....	8	195	184	379
Total beginning of year.....	119	.....	119	4,686	5,021	9,707
First admissions during the year.....	8	.....	8	821	781	1,602
Readmissions during the year.....	.....	.....	.....	242	204	446
Transfers during the year.....	5	.....	5	86	117	203
Total admissions during the year.....	13	.....	13	1,149	1,102	2,251
Total on books during the year.....	132	.....	132	5,835	6,123	11,958
Classifications of admissions:						
By physicians' certificates.....	2	.....	2	.....	.....	.....
By inspector's warrant.....	5	.....	5	.....	.....	.....
By Lieutenant-Governor's warrant.....	6	.....	6	.....	.....	.....
By voluntary application.....	.....	.....	.....	.....	.....	.....
Total.....	13	.....	13	1,149	1,102	2,251
Discharged during the year.....	13	.....	13	338	352	690
Died during the year.....	4	.....	4	.....	.....	.....
Transferred to other hospitals.....	1	.....	1	.....	.....	.....
Eloped during the year.....	.....	.....	.....	.....	.....	.....
Total.....	18	.....	18	1,109	1,075	2,184
Classification of discharges:						
As recovered.....	.....	.....	.....	.....	.....	.....
As improved.....	10	.....	10	.....	.....	.....
As unimproved.....	3	.....	3	.....	.....	.....
As without psychosis.....	.....	.....	.....	.....	.....	.....
Total.....	13	.....	13	683	605	1,288
Patients in hospitals end of year.....	113	.....	113	.....	.....	.....
Patients on probation or absent end of year..	1	.....	1	.....	.....	.....
Total number admitted since opening.....	181	.....	181	35,502	33,636	69,138
Total number discharged since opening.....	44	.....	44	19,496	18,760	38,256
Total number died since opening.....	23	.....	23	11,280	9,828	21,108
Balance on hospital books end of year as above.....	114	.....	114	4,726	5,048	9,774

TABLE

Provides an opportunity for the study of the parentage of patients admitted during the year.
The table is divided between

Age Groups	Aggregate			NATIVE-BORN																	
				Total	Parentage																
					Native			Foreign			Mixed			Unascertained							
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.			
Under 15 years.....	52	29	81	48	28	76	25	10	35	5	8	13	9	6	15	9	4	13			
15-19 years.....	67	42	109	54	31	85	29	17	46	7	2	9	9	6	15	9	6	15			
20-24 years.....	62	53	115	45	35	80	28	21	49	3	2	5	5	7	12	9	5	14			
25-29 years.....	85	73	158	57	48	105	24	22	46	5	4	9	11	7	18	17	15	32			
30-34 years.....	80	68	148	54	48	102	29	32	61	2	4	6	8	9	17	14	3	17			
35-39 years.....	71	62	133	33	43	76	20	29	49	2	4	6	6	5	11	5	7	12			
40-44 years.....	73	69	142	34	52	86	13	26	39	2	10	12	8	12	20	10	5	15			
45-49 years.....	58	80	138	34	50	84	15	26	41	5	6	11	6	5	11	9	13	22			
50-54 years.....	55	80	135	44	62	106	12	19	31	12	14	26	10	13	23	9	12	21			
55-59 years.....	48	36	84	35	26	61	10	9	19	11	8	19	4	6	10	10	4	14			
60-64 years.....	42	60	102	36	47	83	10	17	27	7	11	18	12	10	22	7	9	16			
65-69 years.....	51	48	99	33	33	66	5	6	11	11	16	27	6	6	12	13	5	18			
70 years and over...	73	77	150	53	40	93	14	9	23	10	16	26	17	5	22	12	10	22			
Unascertained.....	4	4	8	1	2	3	...	...	...	...	2	2	...	...	...	1	...	1
Total.....	821	781	1602	561	545	1106	234	243	477	82	107	189	111	97	208	134	98	232			

No. 4A

To further this study they are shown under age groups, from fifteen years to seventy and over. Native and Foreign born.

FOREIGN-BORN																					Nativity unascertained
Total			Time in Canada before Admission																		
			Under 5 years			5-9 years			10-14 years			15 years and over			Unascertained						
M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	
4	1	5	1	1	2	1	...	1	1	...	1	...	...	...	1	...	1	...	...	...
13	11	24	4	1	5	2	2	4	1	2	3	3	2	5	3	2	5	...	2	2	
17	18	35	6	5	11	3	2	5	3	...	3	3	7	10	2	4	6	...	...	...
28	25	53	3	5	8	10	2	12	2	2	4	5	8	13	7	8	15	1	...	1	
26	20	46	7	5	12	7	4	11	...	1	1	8	4	12	4	5	9	...	1	1	
38	19	57	6	2	8	1	2	3	7	1	8	18	7	25	6	7	13	...	...	...
39	17	56	5	1	6	4	2	6	3	2	5	16	9	25	8	2	11	2	1	3	
24	30	54	2	...	2	1	1	2	2	1	3	13	16	29	6	12	18	...	...	...
11	18	29	...	...	...	...	3	3	...	1	1	8	10	18	3	4	7	...	...	...
13	10	23	...	1	1	...	1	1	...	1	1	10	2	12	3	4	7	...	1	1	
6	13	19	1	...	1	...	1	1	...	...	...	4	6	10	1	5	6	...	1	1
18	15	33	5	2	7	...	2	2	2	...	2	8	5	13	3	6	9	...	...	...
20	37	57	...	...	...	...	...	...	...	2	2	9	25	34	11	8	19	...	2	2
3	2	5	1	...	1	...	...	...	...	...	...	...	...	...	1	1	2	1	1	2
260	236	496	41	23	64	29	22	51	21	13	34	105	101	206	60	68	128	4	9	13	

TABLE No. 5

Permits of a very interesting study of the nativity of patients. This table should be of especial interest to all those interested in the immigration problem.

	First Admissions			Readmissions		
	Male	Female	Total	Male	Female	Total
Canada.....	558	543	1,101	171	143	314
Africa.....						
Australia.....						
Armenia.....						
Bulgaria.....						
Austria.....	5	2	7		3	3
Belgium.....					1	1
Central America.....						
China.....	3		3			
Czecho-Slovakia.....	4		4	3		3
Denmark.....						
England.....	85	108	193	38	31	69
Finland.....	15	8	23		1	1
France.....	2	2	4			
Germany.....	1	3	4			
Greece.....						
Holland.....	3		3			
Hungary.....	2		2			
India.....						
Ireland.....	23	14	37	2		2
Italy.....	7	8	15	1	3	4
Japan.....						
Jugo-Slavia.....	3	1	4			
Norway.....						
Newfoundland.....	1	6	7	1	1	2
Poland.....	11	8	19	3	3	6
Roumania.....	10	5	15	1	1	2
Russia.....	11	12	23	2		2
Scotland.....	34	32	66	4	7	11
South America.....						
Spain.....						
Sweden.....	2		2	1		1
Switzerland.....						
Turkey.....						
United States.....	19	13	32	9	5	14
West Indies.....	1	1	2		3	3
Other British Possessions.....	6	3	9	2		2
Other Countries.....	9	3	12	2		2
Unascertained.....	6	9	15	2	2	4
Total.....	821	781	1,602	242	204	446

TABLE No. 5A

Covers the citizenship of the first admissions.

Hospital	Citizens by Birth			Citizens by Naturalization			Aliens			Citizenship Unascertained			Citizens of British Birth Outside Canada			Total		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Brockville.....	73	73	146	5	3	8	.....	.....	.....	1	.....	1	8	6	14	87	82	169
Cobourg.....	.....	3	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	4	4
Hamilton.....	76	69	145	5	19	24	.....	6	12	11	5	16	10	6	16	108	105	213
Kingston.....	35	35	70	1	.....	1	.....	.....	.....	1	1	2	7	2	9	44	38	82
London.....	98	91	189	6	1	7	.....	5	6	1	2	3	19	22	41	129	117	246
Mimico.....	29	16	45	.....	.....	.....	.....	22	34	.....	.....	.....	10	10	20	61	38	99
Orillia.....	66	49	115	.....	.....	.....	.....	6	10	.....	.....	.....	3	5	8	75	58	133
Penetanguishene.....	1	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	2
Toronto.....	66	67	133	18	8	26	.....	21	33	.....	.....	.....	46	60	106	151	147	298
Woodstock.....	8	6	14	.....	.....	.....	.....	1	2	.....	.....	.....	2	.....	2	11	7	18
Whitby.....	100	133	233	35	37	72	.....	8	19	3	3	6	.....	.....	.....	146	184	330
Guelph.....	6	.....	6	.....	.....	.....	.....	1	1	.....	.....	.....	1	.....	1	8	.....	8
	558	543	1101	70	68	138	70	47	117	17	11	28	106	112	218	821	781	1602

TABLE No. 6

Covers the Psychoses of first admissions. It will be noted that these Psychoses are arranged in twenty-two classifications, which are standardized throughout the following tables.

	Males	Females	Total	Males	Females	Total
1. Traumatic psychoses.....	...	...	...	3	1	4
2. Senile psychoses.....	...	...	...	89	118	207
3. Psychoses with cerebral arteriosclerosis.....	...	...	...	49	30	79
4. General paresis.....	...	...	...	70	16	86
5. Psychoses with cerebral syphilis.....	...	...	...	4	2	6
6. Psychoses with Huntingdon's chorea.....	...	...	...	2	5	7
7. Psychoses with brain tumour.....	...	...	...	1	2	3
8. Psychoses with other brain or nervous diseases, total.....	...	...	...	5	3	8
(a) Cerebral embolism.....	2	1	3	...	...	...
(b) Paralysis agitans.....	...	1	1	...	...	...
(c) Meningitis, tubercular or other forms.....	...	...	...	...	...	...
(d) Multiple sclerosis.....	...	...	...	...	...	...
(e) Tabes dorsalis.....	...	...	...	...	...	...
(f) Acute chorea.....	...	...	...	...	...	...
(g) Other diseases.....	3	1	4	...	...	...
9. Alcoholic psychoses, total.....	...	...	...	19	8	27
(a) Delirium tremens.....	4	...	4	...	...	...
(b) Korsakow's psychosis.....	...	2	2	...	...	...
(c) Acute hallucinosis.....	3	5	8	...	...	...
(d) Other types, acute or chronic.....	12	1	13	...	...	...
10. Psychoses due to drugs and other exogenous toxins, total.....	...	...	...	5	1	6
(a) Opium (and derivatives), cocaine bromides, chloral, etc., alone or combined.....	3	...	3	...	...	...
(b) Metals, as lead, arsenic.....	1	...	1	...	...	...
(c) Gases.....	...	...	...	...	...	...
(d) Other exogenous toxins.....	1	1	2	...	...	...
11. Psychoses with pellagra.....	...	...	...	...	...	...
12. Psychoses with other somatic diseases, total.....	...	...	...	15	31	46
(a) Delirium with infectious diseases.....	1	1	2	...	...	...
(b) Post-infectious psychosis.....	2	5	7	...	...	...
(c) Exhaustion delirium.....	7	6	13	...	...	...
(d) Delirium of unknown origin.....	...	...	...	...	...	...
(e) Cardio-renal diseases.....	1	1	2	...	...	...
(f) Diseases of the ductless glands.....	1	2	3	...	...	...
(g) Other diseases or conditions.....	3	16	19	...	...	...
13. Manic-depressive psychoses, total.....	...	...	...	101	111	212
(a) Manic type.....	33	45	78	...	...	...
(b) Depressive type.....	65	65	120	...	...	...
(c) Other types.....	3	11	14	...	...	...
14. Involution melancholia.....	...	...	...	13	49	62
15. Dementia praecox (schizophrenia).....	...	...	...	193	238	431
16. Paranoia and paranoid conditions.....	...	...	...	20	13	33
17. Epileptic psychoses.....	...	...	...	25	14	39
18. Psychoneuroses and neuroses, total.....	...	...	...	14	13	27
(a) Hysterical type.....	1	6	7	...	...	...
(b) Psychasthenic type (anxiety and obsessive forms).....	3	...	3	...	...	...
(c) Neurasthenic type.....	10	6	16	...	...	...
(d) Other types.....	...	1	1	...	...	...
19. Psychoses with psychopathic personality.....	...	...	...	1	1	2
20. Psychoses with mental deficiency.....	...	...	...	41	33	74
21. Undiagnosed psychoses.....	...	...	...	6	12	18
22. Without psychosis, total.....	...	...	...	145	80	225
(a) Epilepsy without psychosis.....	22	19	41	...	...	...
(b) Alcoholism without psychosis.....	25	1	26	...	...	...
(c) Drug addiction without psychosis.....	9	5	14	...	...	...
(d) Psychopathic personality without psychosis.....	2	...	2	...	...	...
(e) Mental deficiency.....	77	44	121	...	...	...
(f) Others.....	10	11	...	...	...	...
Total.....				821	781	1,602

TABLE

Furnishes the distribution of the patients in regard to race under the different psychoses. This

RACE	Total			Traumatic			Senile			With cerebral arterio-sclerosis			General paralysis		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African.....	5	.....	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1
American Indian..	3	4	7	.....	.....	.....	.....	1	1	.....	.....	.....	.....	.....	.....
Armenian.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bulgarian.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Chinese.....	4	.....	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	.....	3
Dutch and Flemish	8	3	11	.....	.....	.....	2	2	4	2	.....	2	1	.....	1
East Indian.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
English.....	303	292	595	1	.....	1	39	46	85	15	8	23	26	4	30
Finnish.....	14	9	23	.....	.....	.....	.....	1	1	.....	.....	.....	2	.....	2
French.....	27	32	59	.....	.....	.....	1	.....	1	1	2	3	3	2	5
German.....	24	20	44	.....	.....	.....	.....	3	3	4	1	5	1	.....	1
Greek.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1
Hebrew.....	4	2	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1
Irish.....	104	86	190	1	.....	1	20	28	48	9	5	14	5	1	6
Italian.....	6	9	15	.....	.....	.....	.....	1	1	2	.....	2	.....	2	2
Japanese.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Roumanian.....	2	3	5	.....	.....	.....	.....	1	1	.....	.....	.....	.....	.....	.....
Russian.....	17	16	33	.....	.....	.....	.....	1	1	.....	.....	.....	1	2	3
Scandinavian.....	8	.....	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Scotch.....	67	108	175	1	1	2	11	21	32	3	4	7	5	2	7
Slavonic.....	16	14	30	.....	.....	.....	.....	1	1	1	.....	1	2	.....	2
Spanish.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Syrian.....	1	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Turkish.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Other Specific Races	60	40	100	.....	.....	.....	.....	.....	.....	1	.....	1	3	.....	3
Mixed Races.....	71	73	144	.....	.....	.....	7	3	10	4	5	9	11	1	12
Races Unascertained	75	69	144	.....	.....	.....	9	9	18	7	5	12	4	2	6
Totals.....	821	781	1602	3	1	4	89	118	207	49	30	79	70	16	86

TABLE

Furnishes the distribution of the patients in regard to race under the different psychoses. This

RACE	With other somatic diseases			Manic- depressive			Involution melan- cholia			Dementia praecox			Paranoia and paranoid conditions		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African.....				1		1				2		2			
American Indian.....		1	1								1	1			
Armenian.....															
Bulgarian.....															
Chinese.....													1		1
Dutch and Flemish.....								1	1	2		2			
East Indian.....															
English.....	5	14	19	33	49	82	3	17	20	69	92	161	10	8	18
Finnish.....				2	2	4				7	6	13	1		1
French.....		2	2	6	8	14				9	11	20	1		1
German.....				5	3	8	4	5	9	5	5	10			
Greek.....															
Hebrew.....					1	1				2		2			
Irish.....	3	2	5	13	8	21	2	6	8	21	21	42	1	2	3
Italian.....					1	1				2	3	5	1	1	2
Japanese.....															
Roumanian.....		1	1							1	1	2	1		1
Russian.....				5	1	6				11	9	20			
Scandinavian.....				5		5				3		3			
Scotch.....	1	5	6	10	13	23	1	7	8	21	36	57	2	1	3
Slavonic.....					3	3				12	5	17			
Spanish.....															
Syrian.....											1	1	1		1
Turkish.....				1		1									
Other Specific Races.....				4		4	1	1	2	4	9	13	1		1
Mixed Races.....	1	1	2	8	13	21	1	7	8	14	27	41			
Races Unascertained.....	5	5	10	8	11	19	1	5	6	8	11	19		1	1
Totals.....	15	31	46	101	111	212	13	49	62	193	238	431	20	13	33

No. 7—Continued

differs in certain respects from Tab. No. 5, where the admissions were shown under countries.

Epileptic psychoses			Psycho-neuroses and neuroses			With psychopathic personality			With mental deficiency			Undiagnosed psychoses			Without psychoses		
M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
															1		1
	1	1													3		3
1		1															
9	3	12	9	3	12	1	1	2	19	13	32	2	6	8	43	21	64
2		2							3	4	7		1	1	1	1	1
									2	1	3	1	1	2	1	1	2
2	5	7	1	1	2				5	1	6	2		2	15	2	17
1		1														1	1
										1	1					2	2
1	2	3	1	2	3				4	4	8		2	2	4	4	8
										1	1				1	3	4
1		1							1	3	4		2	2	43	24	67
4	1	5	2	3	5				1	3	4				14	8	22
4	2	6		4	4				6	2	8	1		1	19	10	29
25	14	39	14	13	27	1	1	2	41	33	74	6	12	18	146	78	224

TABLE

Furnishes an interesting study in regard to the

Psychoses	Total			Under 15 Years			15-19 Years			20-24 Years			25-29 Years			30-34 Years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic.....	3	1	4				1		1							1		1
2. Senile.....	89	118	207															
3. With cerebral arterio-sclerosis.....	49	30	79															
4. General paralysis.....	70	16	86							2	2		3		3	14	1	15
5. With cerebral syphilis...	4	2	6							1		1		1	1			
6. With Huntington's chorea	2	5	7															
7. With brain tumour.....	1	2	3															
8. With other brain or nervous diseases.....	5	3	8							1		1				1		1
9. Alcoholic.....	19	8	27							2		2	1		1	2		2
10. Due to drugs and other exogenous toxins.....	5	1	6											1	1			
11. With pellagra.....																		
12. With other somatic diseases.....	15	31	46	1		1				2	2		5	5		1	5	6
13. Manic-depressive.....	101	111	212				6	2	8	8	5	13	9	13	22	14	9	23
14. Involution melancholia...	13	49	62										1		1	2		2
15. Dementia praecox.....	193	238	431				18	12	30	29	26	55	47	37	84	29	43	72
16. Paranoia or paranoid conditions.....	20	13	33							1		1	4		4	2	1	3
17. Epileptic psychoses.....	25	14	39	1	1	2	5	1	6	3	2	5	4		4	1	3	4
18. Psychoneuroses and neuroses.....	14	13	27				2	2		1	1	1	3	4	1	1		2
19. With psychopathic personality.....	1	1	2											1	1			
20. With mental deficiency...	41	33	74	2	2	4	8	3	11	6	4	10	6	4	10	2	2	4
21. Undiagnosed psychoses...	6	12	18				1		1		2	2	1	3	4		1	1
22. Without psychoses.....	145	80	225	48	26	74	23	21	44	12	3	15	8	12	20	12	4	16
Total.....	821	781	1602	52	29	81	62	41	103	63	47	110	85	80	165	81	71	152

No. 8

age of the patients under the different psychoses.

35-39 Years			40-44 Years			45-49 Years			50-54 Years			55-59 Years			60-64 Years			65-69 Years			70 Years and over			Unascertained		
M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
...	...	...	...	...	...	...	2	2	1	2	3	1	...	1	...	7	17	24	21	25	46	1	...	1	...	...
...	...	...	...	...	...	...	3	1	4	8	14	10	4	14	8	8	16	14	3	17	6	2	8	2	3	5
10	1	11	13	2	15	13	2	15	9	5	14	5	1	6	2	1	3	1	2	2	...	...	...	...	...	...
...	1	1	1	2	3	...	...	...	1	1	...	...	...	...	1	1	2	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	1	...	1	...	1	1	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	1	1	...	1	1	1	1	2	...	...	...	1	...	1	1	...	1	...	...	...
3	1	4	3	2	5	1	3	4	2	...	2	1	1	2	2	1	3	2	...	2	...	...	...	...	...	...
1	...	1	2	...	2	...	...	...	1	...	1	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...
...
2	3	5	3	3	6	...	5	5	2	5	7	...	2	2	5	1	6	1	...	1	...	...	...	...	...	...
13	12	25	7	16	23	11	20	31	9	13	22	7	8	15	8	6	14	4	5	9	5	2	7	...	...	...
1	5	6	1	7	8	1	13	14	2	13	15	4	2	6	...	6	6	1	2	3	...	1	1	...	...	...
28	28	56	21	23	44	8	19	27	5	20	25	2	11	13	2	11	13	...	5	5	1	3	4	3	...	3
7	1	8	...	2	2	2	4	6	1	...	1	3	1	4	...	2	2	...	2	2	...	...	...	...	...	...
1	...	1	4	3	7	2	1	3	2	...	2	1	...	1	...	...	...	3	3	1	...	1	...	...	...	...
1	1	2	5	...	5	1	...	1	1	1	2	...	1	1	2	2	4	2	...	2	...	...	...	1	1	...
1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3	5	8	3	4	7	4	4	8	1	2	3	2	1	3	3	2	5	1	...	1	...	...	...	...	...	...
1	1	2	...	1	1	...	2	2	1	1	2	...	...	...	1	...	1	...	1	1	1	...	1	...	...	...
6	4	10	10	1	11	8	6	14	8	2	10	5	...	5	2	1	3	1	...	1	1	...	1	1	...	1
78	64	142	73	66	139	57	83	140	52	76	128	47	36	83	43	59	102	49	47	96	73	78	151	6	4	10

TABLE No. 9

To those interested in educational work, this table furnishes a study in regard to the degree of education of the first admissions.

Psychoses	Total			Illiterate			Reads and Writes			Common School			High School			University			Unascertained			
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.				
1. Traumatic.....	3	1	4				2		1		1	1				1						
2. Senile.....	90	120	210	4	1	5	35	76	33	59	92	2	10	2		12	1		1	10	14	24
3. With cerebral arteriosclerosis.....	47	28	75	1		1	9	21	24	11	35	1	5	1		6	1		3	8	9	
4. General paralysis.....	70	16	86	3	3	6	15	6	21	30	6	36	5	5		5	5		2	12	1	13
5. With cerebral syphilis.....	4	2	6				2	2	2	2		2	1			1				1		1
6. With Huntington's chorea.....	2	6	8				1	2	3	3		3				1				1		1
7. With brain tumor.....	1	2	3				1	1	1	1	2		2									
8. With other brain or nervous diseases.....	6	3	9	1		1			4	2	6	1				1					1	1
9. Alcoholic.....	19	8	27				4	1	5	9	7	16	2			2				4		4
10. Due to drugs and other exogenous toxins.....	5	2	7				1	1	2	2		2				1	2		2			
11. With pellagra.....																						
12. With other somatic diseases.....	15	31	46	1		1	2	6	8	11	20	31	1	4		5					1	1
13. Manic-depressive.....	101	111	212	4		4	24	21	45	58	8	29	37	3		37	3		3	4	3	7
14. Involution melancholia.....	13	56	69		2		4	13	17	9	29	38		8		8				4	4	4
15. Dementia praecox.....	194	238	432	6	6	12	59	44	103	82	133	215	24	49	73	3	1		4	20	5	25
16. Paranoia or paranoid conditions.....	20	13	33		1	1	2	2	4	12	9	21	2	1	3	2			2	2	2	2
17. Epileptic psychoses.....	24	14	38	5	3	8	7	3	10	8	7	15	2	1	3				2	2		2
18. Psychoneuroses and neuroses.....	14	13	27	1	1	2	1		1	11	5	16		5	5	1		2		1		1
19. With psychopathic personality.....	1	1	2										1		1		1	1				1
20. With mental deficiency.....	41	33	74	8	13	21	20	8	28	11	11	22	1	1	5	2			1	1		1
21. Undiagnosed psychoses.....	6	12	18	2		2	2	3	5	2	4	6										
22. Without psychoses.....	145	71	216	60	33	93	34	22	56	22	10	32	15	4	19	8			8	6	2	8
Total.....	821	781	1602	96	63	159	231	179	410	331	376	707	67	124	191	25	6	31	71	33	104	

TABLE No. 10

Shows the environment of first admissions, and should be studied in conjunction with the population figures for the Province, as divided between Urban and Rural.

Psychoses	Total			Urban, 2,500 and over			Rural			Unascertained		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic.....	3	1	4	1	...	1	2	1	3	...	...	...
2. Senile.....	89	120	209	59	71	130	30	49	79	...	...	...
3. With cerebral arteriosclerosis..	47	28	75	27	21	48	20	7	27	...	...	...
4. General paralysis.....	70	16	86	59	11	70	11	5	16	...	...	...
5. With cerebral syphilis.....	4	2	6	4	2	6	...	...	...	...	...	...
6. With Huntington's chorea.....	2	6	8	2	3	5	...	3	3	...	...	...
7. With brain tumour.....	1	2	3	...	2	2	1	...	1	...	...	...
8. With other brain or nervous diseases.....	6	3	9	4	2	6	2	1	3	...	...	...
9. Alcoholic.....	19	8	27	16	6	22	3	2	5	...	...	...
10. Due to drugs and other exogenous toxins.....	5	2	7	4	2	6	1	...	1	...	...	...
11. With pellagra.....	...	...	...	...	...	...	...	...	...	...	...	...
12. With other somatic diseases...	15	31	46	8	25	33	7	6	13	...	...	...
13. Manic-depressive.....	101	111	212	56	75	131	45	36	81	...	...	...
14. Involution melancholia.....	13	56	69	8	40	48	5	16	21	...	...	...
15. Dementia praecox.....	193	238	431	120	181	301	73	57	130	...	...	...
16. Paranoia or paranoid conditions.....	20	13	33	14	9	23	6	4	10	...	...	...
17. Epileptic psychoses.....	25	14	39	16	10	26	9	4	13	...	...	...
18. Psychoneuroses and neuroses..	14	13	27	12	9	21	2	4	6	...	...	...
19. With psychopathic personality	1	1	2	1	1	2	...	...	...	...	...	...
20. With mental deficiency.....	41	33	74	19	21	40	22	12	34	...	...	...
21. Undiagnosed psychoses.....	6	12	18	2	7	9	4	5	9	...	...	...
22. Without psychoses.....	146	71	217	112	62	174	34	9	43	...	...	...
Total.....	821	781	1602	544	560	1104	277	221	498	...	...	...

TABLE No. 11

Shows the economical conditions of first admissions with principal psychoses.

Psychoses	Total			Dependent			Living on Daily Earnings			Comfortable. Ample for 4 Months			Unascertained		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic.....	3	1	4	...	...	...	3	...	3	...	1	1	...	...	...
2. Senile.....	89	120	209	20	21	41	38	50	88	30	49	79	...	...	1
3. With cerebral arteriosclerosis..	47	28	75	8	2	10	22	9	31	16	17	33	1	...	...
4. General paralysis.....	70	16	86	10	...	10	46	12	58	14	4	18	...	...	...
5. With cerebral syphilis.....	4	2	6	2	1	3	2	1	3	...	...	...	...	...	...
6. With Huntington's chorea....	2	6	8	1	1	2	1	3	4	...	2	2	...	...	...
7. With brain tumour.....	1	2	3	...	1	1	...	...	...	1	1	2	...	...	...
8. With other brain or nervous diseases.....	6	3	9	1	...	1	2	1	3	3	2	5	...	...	...
9. Alcoholic.....	19	8	27	5	...	5	8	2	10	6	6	12	...	...	...
10. Due to drugs and other exogenous toxins.....	5	2	7	1	...	1	1	2	3	3	...	3	...	...	...
11. Pellagra.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12. With other somatic diseases...	15	31	46	3	4	7	8	17	25	4	10	14	...	...	...
13. Manic-depressive.....	101	111	212	14	13	27	57	48	105	27	48	75	3	2	5
14. Involution melancholia.....	13	56	69	1	2	3	5	24	29	7	29	36	...	1	1
15. Dementia praecox.....	193	228	421	49	34	83	112	76	188	28	115	143	4	3	7
16. Paranoia or paranoid conditions.....	20	13	33	4	5	9	10	4	14	3	4	7	3	...	3
17. Epileptic psychoses.....	25	14	39	6	2	8	12	9	21	7	3	10	...	...	...
18. Psychoneuroses and neuroses..	14	13	27	2	2	4	9	2	11	3	9	12	...	...	...
19. With psychopathic personality	1	1	2	...	...	...	...	...	...	1	1	2	...	...	...
20. With mental deficiency.....	41	33	74	13	17	30	18	10	28	10	6	16	...	...	...
21. Undiagnosed psychoses.....	13	25	38	6	10	16	4	10	14	3	5	8	...	...	...
22. Without psychoses.....	139	68	207	86	56	142	18	8	26	34	4	38	1	...	1
Total.....	821	781	1602	232	171	403	376	288	664	200	316	516	13	6	19

TABLE No. 12

As the use of Alcohol as a beverage has always been a controversial subject, the classification of the first admissions under the headings in this table forms an interesting study.

Psychoses	Total			Abstinent			Temperate			Intemperate			Unascertained		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic.....	3	1	4	2	1	3	1	...	1	...	...	...	...	...	...
2. Senile.....	88	120	208	41	110	151	33	9	42	13	1	14	1	...	1
3. With cerebral arteriosclerosis..	47	28	75	26	27	53	14	1	5	6	...	6	1	...	1
4. General paralysis.....	70	16	86	18	14	32	29	...	29	13	1	14	10	1	11
5. With cerebral syphilis.....	4	2	6	1	1	2	3	...	3	...	1	1	...	...	...
6. With Huntington's chorea....	2	6	8	2	5	7	...	1	1	...	...	...	...	...	...
7. With brain tumour.....	1	2	3	1	2	3	...	...	...	...	...	...	...	...	...
8. With other brain or nervous diseases.....	6	3	9	3	2	5	2	1	3	1	...	1	...	...	...
9. Alcoholic.....	18	8	27	...	...	...	...	...	...	19	8	27	...	...	...
10. Due to drugs and other exogenous toxins.....	5	2	7	...	2	2	3	...	3	2	...	2	...	...	...
11. With pellagra.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12. With other somatic diseases...	16	30	46	4	29	33	8	1	9	3	...	3	1	...	1
13. Manic-depressive.....	101	111	212	38	96	134	49	12	61	10	1	11	4	2	6
14. Involution melancholia.....	13	56	69	8	53	61	5	2	7	...	...	...	1	1	...
15. Dementia praecox.....	192	237	429	91	212	303	72	21	93	15	1	16	14	3	17
16. Paranoia or paranoid conditions	20	13	33	4	7	11	15	4	19	...	...	...	1	2	3
17. Epileptic psychoses.....	25	14	39	21	14	35	3	...	3	1	...	1	...	...	...
18. Psychoneuroses and neuroses..	14	12	26	5	12	17	8	...	8	1	...	1	...	...	...
19. With psychopathic personality	1	1	2	...	...	...	...	1	1	1	...	1	...	...	...
20. With mental deficiency.....	41	30	71	27	23	50	6	2	8	4	2	6	4	3	7
21. Undiagnosed psychoses.....	5	13	18	1	7	8	3	4	7	...	...	...	1	2	3
22. Without psychoses.....	148	76	224	84	54	138	29	18	47	33	3	36	2	1	3
Total.....	821	781	1602	377	671	1048	283	77	360	122	18	140	39	15	54

TABLE No. 14

Is the first and only table dealing with the psychoses of re-admissions. A study of this as compared with the discharges of previous years will prove interesting.

Psychoses	Males	Females	Total
1. Traumatic psychoses.....	1	.....	1
2. Senile psychoses.....	11	6	17
3. Psychoses with cerebral arteriosclerosis.....	9	5	14
4. General paralysis.....	10	.....	10
5. Psychoses with cerebral syphilis.....	1	1	2
6. Psychoses with Huntington's chorea.....	.....	1	1
7. Psychoses with brain tumour.....	.....	.....	.....
8. Psychoses with other brain or nervous diseases.....	.....	2	2
9. Alcoholic psychoses.....	7	.....	7
10. Psychoses due to drugs and other exogenous toxins.....	1	2	3
11. Psychoses with pellagra.....	.....	1	1
12. Psychoses with somatic diseases.....	4	1	5
13. Manic-depressive psychoses.....	45	75	120
14. Involution melancholia.....	10	5	15
15. Dementia praecox.....	82	74	156
16. Paranoia and paranoid conditions.....	4	1	5
17. Epileptic psychoses.....	7	9	16
18. Psychoneuroses and neuroses.....	8	3	11
19. Psychoses with psychopathic personality.....	2	2	4
20. Psychoses with mental deficiency.....	12	4	16
21. Undiagnosed psychoses.....	1	.....	1
22. Without psychoses.....	27	12	39
Total.....	242	204	446

TABLE No. 15

Deals with the discharges of patients under the different psychoses, together with the condition of the patient at the time of discharge. From this table the reader is enabled to compare the recoveries and improvements with the total admissions for the year.

Psychoses	Total			Recovered			Improved			Unimproved		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic.....	2	1	3	1	.....	1	.....	1	1	1	.....	1
2. Senile.....	37	32	69	2	3	5	28	22	50	7	7	14
3. With cerebral arteriosclerosis..	17	19	36	3	2	5	13	16	29	1	1	2
4. General paralysis.....	29	8	37	1	.....	1	26	8	34	2	.....	2
5. With cerebral syphilis.....	4	.....	4	3	.....	3	1	.....	1	.....	.....	.....
6. With Huntington's chorea.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
7. With brain tumour.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
8. With other brain or nervous diseases.....	3	2	5	.....	.....	.....	2	2	4	1	.....	1
9. Alcoholic.....	25	5	30	18	4	22	5	1	6	2	.....	2
10. Due to drugs and other exogenous toxins.....	3	8	11	2	6	8	1	2	3	.....	.....	.....
11. With pellagra.....	.....	1	1	.....	.....	.....	.....	.....	.....	1	.....	1
12. With other somatic diseases...	10	15	25	8	13	21	2	1	3	.....	1	1
13. Manic-depressive.....	118	146	264	65	97	162	50	48	98	3	1	4
14. Involution melancholia.....	16	36	52	7	15	22	9	20	29	.....	1	1
15. Dementia praecox.....	221	215	436	47	63	110	165	140	305	9	12	21
16. Paranoia and other paranoid conditions.....	18	6	24	6	3	9	8	3	11	4	.....	4
17. Epileptic psychoses.....	18	12	30	2	1	3	14	6	20	2	5	7
18. Psychoneuroses and neuroses..	13	15	28	10	7	17	3	8	11	.....	.....	.....
19. With psychopathic personality	5	2	7	1	.....	1	2	1	3	2	1	3
20. With mental deficiency.....	37	25	62	8	5	13	27	18	45	2	2	4
21. Undiagnosed psychoses.....	.....	3	3	.....	2	2	.....	1	1	.....	.....	.....
22. Without psychoses.....	107	54	161	31	10	41	57	38	95	19	6	25
Total.....	683	605	1288	215	231	446	413	336	749	55	38	93

TABLE

Deals with the deaths in the Institutions during the period covered, and furnishes the psychoses

Causes of Death	Total			Senile			With Cerebral Arterio-sclerosis			General Paralysis			Alcoholic		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
I. EPIDEMIC, ENDEMIC AND INFECTIOUS DISEASES:															
Typhoid and paratyphoid fever.....															
Measles.....															
Scarlet fever.....															
Diphtheria.....															
Influenza.....	4		4												
Dysentery.....		2	2												
Erysipelas.....		1	1		1	1									
Lethargic encephalitis.....															
Tuberculosis of the respiratory system.....	24	31	55	1	1	2									
Tuberculosis of other organs.....	2	3	5					1	1						
Syphilis (non-nervous forms).....															
Purulent infection, septicaemia.....	2	2	4				1		1						
Other infectious diseases.....	1	5	6							1		1			
II. GENERAL DISEASES NOT INCLUDED IN CLASS I:															
Cancer and other malignant tumours..	7	13	20		4	4									
Tumour (non-cancerous).....	1	1	2												
Rheumatism.....															
Pellagra.....															
Diabetes.....															
Alcoholism (acute or chronic).....															
Other general diseases.....	15	10	25	8	2	10									
III. DISEASES OF THE NERVOUS SYSTEM:															
Meningitis (non-epidemic).....															
Tabes dorsalis (locomotor ataxia).....															
Other diseases of spinal cord.....		1	1		1	1									
Cerebral hemorrhage, apoplexy.....	6	18	24	3	6	9		3	3						
General paralysis of the insane.....	33	9	42							32	9	41			
Other forms of mental disease.....	38	32	70	16	13	29	1	2	3				1		1
Epilepsy.....	23	17	40												
Chorea.....		2	2												
Other diseases of the nervous system..	1	1	2												
IV. DISEASES OF THE CIRCULATORY SYSTEM:															
Pericarditis.....															
Endocarditis and myocarditis.....	46	41	87	19	16	35		4	4		1	1			
Angina pectoris.....		1	1		1	1									
Other diseases of the heart.....	2	3	5	1		1		1	1						
Arteriosclerosis.....	15	26	41	5	6	11	10	12	22						
Other diseases of the arteries.....	3	1	4	2	1	3									
Other diseases of the circulatory system	14	10	24	10	7	17	1		1						
V. DISEASES OF THE RESPIRATORY SYSTEM:															
Bronchitis.....		2	2												
Bronchopneumonia.....	31	55	86	12	16	28	2	3	5	2	2	4	1	1	2
Lobar pneumonia.....	15	10	25	1	1	2	1		1				1		1
Pleurisy.....		1	1												
Asthma.....															
Other diseases of the respiratory system (tuberculosis excepted).....	20	34	54	7	10	17	1		1	1		1			

No. 16

complete information in regard to the cause of death and is further divided under classification.

[illegible]

TABLE

Deals with the deaths in the Institutions during the period covered, and furnishes the psychoses

Causes of Death	Total			Senile			With Cerebral Arterio-sclerosis			General Paralysis			Alcoholic		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
VI. DISEASES OF THE DIGESTIVE SYSTEM:															
Diseases of the pharynx and tonsils....	4	3	7												
Ulcer of stomach and duodenum.....	2		2												
Other diseases of stomach (cancer excepted).....															
Diarrhea and enteritis.....	4	1	5	1		1									
Appendicitis and typhilitis.....															
Hernia and intestinal obstruction.....	2	3	5	1	1	2									
Other diseases of intestines.....															
Cirrhosis of liver.....															
Biliary calculi.....															
Other diseases of liver.....															
Other diseases of digestive system (cancer and tuberculosis excepted).....	1	2	3												
VII. NON-VEREAL DISEASES OF GENITO-URINARY SYSTEM AND ANNEXA:															
Nephritis.....	4	3	7	1	1	2	1		1						
Other diseases of kidneys and annexa..	2		2	1		1									
Diseases of bladder.....															
Diseases of prostate.....															
Benign tumors of uterus.....															
Other diseases of genital organs.....															
Other diseases of genito-urinary system	1		1												
VIII. DISEASES OF THE SKIN AND OF THE CELLULAR TISSUE:															
Gangrene.....	5	3	8	2	2	4								1	1
Other diseases of skin and annexa.....	1		1												
IX. DISEASES OF THE BONES AND OF THE ORGANS OF LOCOMOTION (tuberculosis and rheumatism excepted).....															
X. OTHER DISEASES NOT INCLUDED IN ABOVE GROUPS.....															
XI. EXTERNAL CAUSES:															
Suicide.....	4	2	6							1		1			
Homicide.....															
Accidental poisoning.....															
Accidental traumatism.....	2		2												
Other external causes.....	3	3	6	1		1									
Total.....	338	352	690	92	90	182	18	26	44	37	12	49	3	2	5

No. 16—*Concluded.*

complete information in regard to the cause of death and is further divided under classification.

Manic Depressive			Involution Melan- cholia			Dementia Praecox			Paranoia and Paranoid Condi- tions			Epileptic Psychoses			Psycho- neuroses and Neuroses			With Psycho- pathic Person- ality			With Mental Deficiency			All Other Psychoses		
M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
	1	1				4	2	6																		
						2		2																		
						1		1												1	1	2	1		1	
				1	1		1	1											1		1					
							1	1							1	1				1		1				
	1	1	1		1	1	1	2												1		1				
							1	1																		
							1		1											1		1				
	1	1	1		1	2		2								1	1									
	1	1	1		1																					
	1	1	1		1											1	1									
21	27	48	8	14	22	75	85	160	6	11	17	26	25	51	2	4	6				37	33	70	13	23	36

TABLE

Shows the age of the patients at the time of death in groups from under fifteen years

Psychoses	Total			Under 15 Years			15-19 Years			20-24 Years			25-29 Years			30-34 Years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic.....	2	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2. Senile.....	94	100	194	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3. With cerebral arteriosclerosis...	21	25	46	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4. General paralysis.....	35	12	47	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5. With cerebral syphilis.....	3	1	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6. With Huntington's chorea.....	...	3	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7. With brain tumour.....	1	1	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8. With other brain or nervous diseases.....	1	2	3	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1
9. Alcoholic.....	3	1	4	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1
10. Due to drugs and other exogenous toxins.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11. With pellagra.....	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12. With other somatic diseases....	4	9	13	...	...	...	...	...	...	1	1	...	1	1	...	1	1	...
13. Manic-depressive.....	20	22	42	...	...	...	...	...	...	...	...	...	1	1	2	2	2	2
14. Involution melancholia.....	9	19	28	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15. Dementia praecox.....	72	88	160	...	...	...	1	1	1	1	2	4	3	7	8	5	13	...
16. Paranoia or paranoid conditions	3	3	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17. Epileptic psychoses.....	27	20	47	1	1	1	1	1	2	3	2	1	3	5	1	6	...	...
18. Psychoneuroses and neuroses...	...	1	1	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...
19. With psychopathic personality..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20. With mental deficiency.....	16	11	27	...	...	2	2	2	2	2	2	2	2	2	2	1	3	...
21. Undiagnosed psychoses.....	3	3	6	...	...	...	...	...	1	1	1	1	1	1	...	...	...	...
22. Without psychoses.....	24	30	54	4	5	9	5	3	8	3	2	5	1	1	...	4	4	...
Total.....	338	352	690	5	5	10	8	4	12	7	7	14	10	9	19	19	15	34

No. 17

of age, to seventy years and over, and is also divided under principal psychoses.

35-39 Years			40-44 Years			45-49 Years			50-54 Years			55-59 Years			60-64 Years			65-69 Years			70 Years and over			Unascertained		
M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1			1																		1		1			
	1	1		1	1		2	2	2	2	4	4	8	10	9	19	12	16	28	68	69	137				
8	1	9	6	1	7	5	1	6	6	3	9	2	2	4	4	1	5	2	2	2						
	1	1							1		1		1	1	1		1	1		1						
						1		1					1	1							2		2			
													1	1												
									1		1		1	1												
																1	1									
																					1		1			
1		1	2	2	4		2	2	1	2	3		1	1	3	1	4									
							1	3	4	2	6	8	2	3	5	5	2	7	6	1	7	1	1	2		
5	7	12	9	7	16	6	10	16	9	15	24	7	10	17	4	10	14	12	10	22	7	8	15		1	1
3	3	6	1	4	5	3	2	5	2	2	4	2	3	5	2	1	3		1	1	4		4			
	3	3				2		2	1	1	2	2	2	4	2	2	4	1		1		2	2			
1	3	4	3	1	4		1	1		3	3	2	2	4	3	3	6	1	2	3	2		2			
19	19	38	21	16	37	19	25	44	29	44	73	27	36	63	38	37	75	43	38	81	93	95	188		2	2

TABLE

Furnishes valuable information in regard to the length of stay in the

Psychoses	Total			Less than 1 Month			1-3 Months			4-7 Months			8-12 Months		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic.....	2	...	2	...	...	...	...	...	...	...	...	...	...	...	...
2. Senile.....	94	96	190	15	18	33	15	6	21	9	14	23	9	7	16
3. With cerebral arteriosclerosis....	21	25	46	4	5	9	7	6	13	2	...	2	2	4	6
4. General Paralysis.....	35	12	47	11	...	11	4	6	10	3	1	4	...	...	...
5. With cerebral syphilis.....	3	1	4	...	...	...	...	...	...	1	...	1	...	1	1
6. With Huntington's chorea.....	...	3	3	...	...	...	...	1	1	...	...	...	...	...	...
7. With brain tumour.....	1	2	3	1	...	1	...	1	1	...	...	...	...	...	...
8. With other brain or nervous diseases.....	1	1	2	1	1	2	...	...	...	...	...	...	...	...	...
9. Alcoholic.....	3	1	4	2	...	2	...	1	1	...	...	...	...	...	...
10. Due to drugs or other exogenous toxins.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11. With pellagra.....	...	1	1	...	...	...	...	1	1	...	...	...	...	...	...
12. With other somatic diseases.....	4	9	13	1	7	8	3	0	3	...	...	...	...	...	...
13. Manic-depressive.....	19	22	41	2	6	8	4	5	9	...	2	2	2	...	3
14. Involution melancholia.....	4	17	21	1	4	5	...	4	4	...	1	1	1	1	2
15. Dementia praecox.....	72	85	157	1	6	7	1	2	3	2	1	3	1	3	4
16. Paranoid or paranoid conditions.	3	3	6	...	...	...	...	...	...	...	...	...	...	...	...
17. Epileptic psychoses.....	27	20	47	...	...	...	2	1	3	4	...	4	1	1	2
18. Psychoneuroses and neuroses....	1	2	3	...	...	...	...	1	1	1	...	1	...	...	...
19. With psychopathic personality....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20. With mental deficiency.....	16	11	27	1	...	1	4	...	4	...	...	...	1	1	2
21. Undiagnosed psychoses.....	3	3	6	...	1	1	2	...	2	...	...	...	...	...	...
22. Without psychoses.....	29	38	67	2	2	4	5	2	7	4	...	4	...	1	1
Total.....	338	352	690	42	50	92	47	37	84	26	19	45	17	19	36

No. 18

various Institutions of patients who died during the current year.

1-2 Years			3-4 Years			5-6 Years			7-8 Years			9-10 Years			11-12 Years			13-14 Years			15-19 Years			20 Years and Over		
M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
22	17	39	8	7	15	2	7	9	2	7	9	1	2	3	1	0	1	1	3	4	1	2	3	8	6	14
3	3	6	1	1	1	3	4	1	1	1	2	2	2	1	1						1	1				
10	3	13	2	1	3	2		2	1	1	2	2		2												
1		1																1		1						
	1	1						2	2																	
									1		1															
	2	2																								
2	5	7	2	1	3	1		1				1		1				1	1	1		1	4	2	6	
1	2	3		1	1		2	2	1		1							1	1				1	1	1	
10	11	21	8	11	19	7	7	14	8	9	17	4	5	9	3	3	6	2	6		8	3	6	9	22	18
1		1		2																						
	3	3	5	4	9	3	1	4	3	2	5	1	2	3	3		3	2	1	3	2	3	5	1	2	3
													1	1												
3	3	6	3		3	1	2	3		2	2				1	1	1		1		1	1		2	1	3
5	6	11	1	3	4	2	3	5		6	6		2	2	2	2	4					1	1	2	7	7
58	56	114	31	29	60	19	27	46	18	27	45	10	14	24	10	6	16	7	12	19	9	15	24	44	41	85

TABLE No. 19

Shows the abnormal conditions in relations of first admissions, classified with reference to principal psychoses.

Psychoses	Total No.	Psychoses	Neuroses	Mental Deficiency	Suicidal Attempts	Psychopathic Personality	Alcohol, Drugs, etc.	Unascertained	Denied
1. Traumatic psychoses.....	4	1	.....	.....	.....	.....	.....	.....	3
2. Senile psychoses.....	209	29	3	.....	1	1	3	90	82
3. Psychoses with cerebral arteriosclerosis.....	75	19	3	1	.....	.....	2	16	34
4. General paralysis.....	86	10	2	.....	1	.....	3	32	38
5. Psychoses with cerebral syphilis.....	6	.....	.....	.....	.....	.....	.....	4	2
6. Psychoses with Huntington's chorea.....	8	3	.....	.....	.....	.....	.....	4	1
7. Psychoses with brain tumour.....	2	.....	.....	.....	1	.....	.....	.....	1
8. Psychoses with other brain or nervous diseases..	9	.....	.....	.....	.....	.....	1	1	7
9. Alcoholic psychoses.....	27	.....	1	.....	.....	.....	5	13	8
10. Psychoses due to drugs and other exogenous toxins.....	7	.....	1	1	.....	.....	1	1	3
11. Psychoses with pellagra..	.....	.....	.....	.....	.....	.....	.....	.....	.....
12. Psychoses with other somatic diseases.....	46	12	4	.....	.....	.....	.....	10	20
13. Manic-depressive psychoses.....	212	54	7	3	4	.....	7	22	115
14. Involution melancholia..	69	12	8	.....	2	1	.....	3	43
15. Dementia praecox (schizophrenia).....	429	104	17	7	8	.....	12	49	232
16. Paranoia or paranoid conditions.....	33	3	1	.....	.....	.....	1	7	21
17. Epileptic psychoses.....	39	6	.....	1	.....	.....	1	11	20
18. Psychoneuroses and neuroses.....	27	6	.....	.....	.....	.....	.....	6	15
19. Psychoses with psychopathic personality...	2	.....	.....	1	1	.....	.....	.....	.....
20. Psychoses with mental deficiency.....	71	16	.....	5	2	.....	1	20	27
21. Undiagnosed psychoses..	18	7	1	.....	.....	.....	1	5	4
22. Without psychoses.....	223	140	5	3	.....	1	5	21	48
Total.....	1,602	422	53	22	20	3	43	315	724

TABLE No. 20

To those interested in the matter of the religion of the patients, this table furnishes a classification under the Church headings, for admissions of the year, the total number in residence, and the admissions since the opening of the Hospitals.

Religion	Admissions of Year			In Residence			Admissions Since Opening		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Baptists.....	52	63	115	236	254	490	1,428	1,595	3,023
Congregationalists....	3	.....	3	4	3	7	59	54	113
Anglicans.....	203	211	414	835	979	1,814	7,293	7,250	14,543
Jews.....	27	27	54	68	66	134	145	144	289
Presbyterians.....	169	172	341	659	809	1,468	6,294	6,321	12,615
Roman Catholics.....	253	208	461	1,106	982	2,088	7,702	6,734	14,436
United Church.....	226	209	435	839	1,021	1,860	7,386	7,895	15,281
Other Denominations..	147	124	271	517	608	1,125	3,335	2,664	5,999
Unascertained.....	69	88	157	462	326	788	1,860	979	2,839
Total.....	1,149	1,102	2,251	4,726	5,048	9,774	35,502	33,636	69,138

TABLE No. 21

This table should prove interesting in the study of the vocations of the patients admitted during the current year. It will be noted that the mechanical class has been divided as between outside and inside work.

Occupation	Admitted this year		
	Male	Female	Total
Professional:			
Clergy, military and naval officers, physicians, lawyers, architects, artists, authors, civil engineers, surveyors, etc.....	23	14	37
Commercial:			
Bankers, merchants, accountants, clerks, salesmen, stenographers, typewriters, etc.....	125	49	174
Agricultural and Pastoral:			
Farmers, gardeners, stockmen, etc.....	196	.....	196
Mechanics at Outdoor Vocations:			
Railway and stationary engineers, blacksmiths, carpenters, engine fitters, sawyers, painters, police, etc.....	84	.....	84
Mechanics, etc., at Sedentary Vocations:			
Shoemakers, bookbinders, compositors, weavers, tailors, seamstresses, bakers, factory workers, etc.....	90	42	132
Domestic Service:			
Waiters, cooks, servants, etc.....	17	187	204
Education and Higher Domestic Duties:			
Governesses, teachers, students, housekeepers, nurses, etc.....	23	545	568
Miners, marine engineers, railway employees, seamen, etc.....	22	.....	22
Labourers.....	359	.....	359
No occupation.....	195	250	445
Unascertained.....	15	15	30
Total.....	1,149	1,102	2,251

TABLE No. 22

This table is a geographical study in regard principally to the Province of Ontario, and shows from what Counties in the Province the patients came, classified under the headings, admitted during the year, and remaining in residence. It also furnishes statistics in regard to warrant cases, by showing those admitted during the year, and admitted since the opening of the Hospital.

Counties and Districts	Admitted during Year			Admitted since Opening			Remaining in Residence		
	M.	F.	T.	M.	F.	T.	M.	F.	T.
Algoma District.....	13	15	28	334	245	579	135	117	252
Brant.....	9	12	21	489	527	1,016	71	75	146
Bruce.....	20	15	35	517	481	998	68	80	148
Carleton.....	47	43	90	1,330	1,383	2,713	210	240	450
Cochrane.....	19	9	28	37	16	53	19	10	29
Dufferin.....	1	3	4	38	63	101	13	14	27
Dundas.....	3	3	6	238	215	453	20	17	37
Durham.....	9	5	14	386	389	775	40	41	81
Elgin.....	13	19	32	516	504	1,020	56	71	127
Essex.....	42	26	68	717	682	1,399	129	134	263
Frontenac.....	26	24	50	1,053	957	2,010	78	72	150
Glengarry.....	13	4	17	275	261	536	26	25	51
Grenville.....	6	2	8	310	299	609	33	23	56
Grey.....	11	13	24	650	562	1,212	104	82	186
Haldimand.....	9	7	16	268	248	516	29	28	57
Haliburton.....	2	2	4	13	18	31	8	8	18
Halton.....	6	5	11	300	293	593	22	23	45
Hastings.....	18	14	32	706	671	1,377	98	90	188
Huron.....	8	13	21	634	667	1,301	63	79	142
Kenora.....	2	2	4	22	31	53	6	10	16
Kent.....	16	20	36	526	522	1,048	69	76	145
Lambton.....	13	14	27	697	598	1,295	79	72	151
Lanark.....	12	14	26	497	480	977	64	58	122
Leeds.....	21	21	42	578	574	1,152	53	85	138
Lennox and Addington.....	11	9	20	370	335	705	41	36	77
Lincoln.....	23	17	40	464	422	886	56	48	104
Manitoulin.....	2	2	4	32	25	57	17	16	33
Middlesex.....	44	52	96	1,756	1,743	3,499	180	229	409
Muskoka District.....	2	4	6	186	151	337	62	65	127
Nipissing District.....	17	6	23	331	246	577	58	28	86
Norfolk.....	10	13	23	286	323	609	29	42	71
Northumberland.....	9	12	21	496	564	1,060	70	79	149
Ontario.....	16	25	41	726	692	1,418	82	71	153
Oxford.....	20	15	35	629	549	1,178	63	75	138
Parry Sound District.....	8	4	12	174	152	326	30	27	57
Peel.....	1	2	3	320	372	692	12	34	46
Perth.....	19	9	28	591	575	1,166	76	71	147
Peterborough.....	17	17	34	435	510	945	68	85	153
Prescott.....	4	11	15	249	235	484	56	52	108
Prince Edward.....	6	4	10	204	193	397	28	17	45
Rainy River District.....	8	1	9	102	57	159	15	11	26
Renfrew.....	9	13	22	425	449	874	56	71	127
Russell.....	6	5	11	138	120	258	31	35	66
Simcoe.....	27	19	46	1,073	927	2,000	110	117	227
Stormont.....	7	7	14	386	339	725	33	43	76
Sudbury.....	12	5	17	102	73	175	27	20	47
Temiskaming.....	12	4	16	189	92	281	37	20	57
Thunder Bay District.....	25	20	45	324	225	549	65	59	124
Victoria.....	2	8	10	486	472	958	42	55	97
Waterloo.....	15	35	50	539	571	1,110	74	96	170
Welland.....	71	76	147	419	444	863	72	72	144
Wellington.....	13	19	32	737	751	1,488	84	98	192
Wentworth.....	59	74	133	2,121	2,092	4,213	271	297	568
York.....	377	361	738	8,941	9,070	18,011	1,053	1,457	2,510
Unascertained.....	5	2	7	677	193	870	39	18	57
Other Provinces.....	11	7	18	152	45	197	38	6	44
Total.....	1,207	1,163	2,370	35,191	33,693	68,884	4,468	4,980	9,448

ANNUAL DENTAL REPORT

For practically nine months of the period which this report covers, new arrangements have been made in the majority of the hospitals in regard to dental work. At each hospital a dental clinic is now held for a certain number of days each week, and the following table shows the various dental operations carried on at the different hospitals for periods of from seven to nine months.

	Brockville, Dr. Woodrow	Cobourg, Dr. Kerr	Hamilton, Dr. Kappele	Kingsston, Dr. Renton	London, Dr. Smyth	Mimico, Dr. Hall	Orillia, Dr. Seymour	Penetanguishene, Dr. King	Toronto, Dr. Hodgins	Whitby, Dr. Beaton	Woodstock, Dr. Heath	Mercer, Dr. Black	Guelph, Dr. Wing	Burwash, Dr. Brownlee	Bowmanville, Dr. Bonnycastle	Totals
Number of half days.....	35	37	77	79	118	105	191	18	117	114	27	37	31	45	30	1,061
Patients examined.....	391	432	207	246	956	269	352	232	261	1,104	250	180	75	400	208	5,563
Public charge, patients treated.....	360	366	77	386		582		174	1,032	423		246	73	377	152	4,248
Private charge, patients treated.....		36	22	24						422				24		528
Extractions.....	359	265	408	296	5,278	443	675	639	429	1,275	802	345	65	348	34	11,661
General anaesthetics.....	50		4	48	316		33		43	2	65			3		564
Local anaesthetics.....	4			242	182			95	183			345				1,051
Amalgum or cement fillings.....	122	54	205	198		180	216	2	91	125	108	439	19	133	192	2,084
Pylorrhea treatments.....	27	1	138	69	45	239	118	4	90	62	29		5	44	2	873
Other treatments.....	6		178	280		3	137		136	82	2	3	7	4	19	857
Prophylaxis.....	124	346	91	33		276	58		126	248	35	1		32	94	1,464
Replacements.....	7	1	14	10			30		24	6			1	7		102
Dentures repaired.....	4	3	16	1	6	10	16	1	22	10				2		91
Other work.....	7	6	10	321	6		4		175	1,270*	10		3	8	22	1,842

NOTE—Woodstock and Bowmanville 7 months only.
Mimico, Guelph and Burwash 8 months only.
All others for 9 months.

*Films taken by Dr. Webster.

PER CAPITA COST STATEMENT

The foregoing tables have dealt with the various classifications of the patients, but the report would be incomplete without information as to the cost of operations of the various hospitals.

The following table shows the per capita cost of maintaining each patient per day and is shown divided under the different items of expenditure.

Items	Brockville	Cobourg	Hamilton	Kingston	London	Mimico	Orillia	Penetang	Toronto	Whitby	Woodstock
Medicines.....	cents 2.09	cents 2.08	cents 1.39	cents 1.76	cents 1.95	cents 1.71	cents 1.28	cents 1.12	cents 1.53	cents 1.78	cents 7.19
Provisions.....	20.19	20.44	19.90	23.62	18.31	21.74	15.51	17.72	23.13	21.11	24.03
Fuel, light and water.....	12.90	13.92	10.65	22.31	8.02	12.34	8.92	11.68	11.78	12.55	16.68
Clothing.....	4.44	3.56	3.30	5.56	4.01	4.71	4.27	4.48	4.18	5.23	2.22
Laundry and cleaning.....	2.04	1.59	1.44	2.50	2.20	2.29	1.68	1.31	2.74	2.54	4.10
Furniture and furnishings.....	5.62	6.85	5.42	6.57	4.57	7.21	6.24	3.38	6.65	5.47	5.13
Office expense.....	.48	.29	.36	.47	.28	.47	.32	.16	.38	.57	.95
Allowances.....	9.50	6.32	11.82	10.74	5.96	8.75	4.29	7.05	7.78	7.92	11.17
Feed and fodder.....	5.46	.....	4.03	2.26	3.46	.40	1.91	3.97	.12	2.83	9.18
Farm expense.....	1.68	.70	1.00	1.92	1.98	1.28	1.94	1.91	.31	2.15	5.60
Contingencies.....	1.91	1.31	1.44	1.79	.84	1.47	1.24	.44	.71	1.17	2.03
Salaries.....	59.21	31.31	49.72	62.35	45.14	52.71	34.56	48.99	44.37	40.82	80.78
Total Gross per Capita.....	125.52	88.37	110.47	141.85	96.72	115.08	81.16	102.21	103.68	104.14	169.06
Less Recoveries.....	27.76	10.98	37.10	28.98	34.45	33.97	17.59	18.98	31.80	38.31	71.32
Net per Capita Cost.....	97.76	77.39	73.37	112.87	62.27	81.11	63.57	83.23	71.88	65.83	97.74
Repairs to Building Expense.....	10.40	20.96	15.91	18.38	11.13	35.09	10.27	6.26	17.14	8.72	35.19
Total per Capita Payable by Province.....	\$1.08.16	.98.35	.89.28	1.31.25	.73.40	1.16.20	.73.84	.89.49	.89.02	.74.55	1.32.93

